# Draft Environmental Impact Report

**SCH# 2024041028**

## Volume 2

**Appendix A through C2 (Part 1)**

## BUTTONBUSH SOLAR AND STORAGE PROJECT

**by 29SC 8me, LLC.**

***(PP24407)***

**Site 1**
CUP No. 17, Map 98; CUP No. 19, Map 98;
CUP No. 25, Map 99; GPA No. 4, Map 98;
SPA No. 5, Map 98; GPA No. 8, Map 99;
Williamson Act Land Use Contract Cancellations;
Farmland Security Zone Contract Cancellation;
Non-Summary Vacation, Map 99

**Site 2**
CUP No. 14, Map 77; CUP No. 20, Map 77;
CUP No. 18, Map 98; GPA No. 10, Map 77;
Williamson Act Land Use Contract Cancellations

**Site 3**
CUP No. 15, Map 77; GPA No. 11, Map 77;
Williamson Act Land Use Contract Cancellations

**Site 4**
CUP No. 16, Map 77; GPA No. 12, Map 77;
Williamson Act Land Use Contract Cancellation

**Site 5**
CUP No. 26, Map 99; CUP No. 27, Map 99;
CUP No. 28, Map 99; CUP No. 61, Map 100;
GPA No. 10, Map 99; GPA No. 31, Map 100;
Williamson Act Land Use Contract Cancellations;
Non-Summary Vacation, Map 99

**Site 6**
CUP No. 17, Map 78; GPA No. 10, Map 78;
Williamson Act Land Use Contract Cancellations

**Site 8**
CUP No. 12, Map 54; CUP No. 17, Map 77;
CUP No. 18, Map 77; CUP No. 19, Map 77;
GPA No. 1, Map 54; GPA No. 13, Map 77;
Williamson Act Land Use Contract Cancellations

Kern County
Planning and Natural Resources Department
Bakersfield, CA

November 2025

*This page intentionally left blank.*

# Draft Environmental Impact Report

**SCH# 2024041028**

## Volume 2

**Appendix A through C2 (Part 1)**

## BUTTONBUSH SOLAR AND STORAGE PROJECT

**by 29SC 8me, LLC.**

***(PP24407)***

**Site 1**
CUP No. 17, Map 98; CUP No. 19, Map 98;
CUP No. 25, Map 99; GPA No. 4, Map 98;
SPA No. 5, Map 98; GPA No. 8, Map 99;
Williamson Act Land Use Contract Cancellations;
Farmland Security Zone Contract Cancellation;
Non-Summary Vacation, Map 99

**Site 2**
CUP No. 14, Map 77; CUP No. 20, Map 77;
CUP No. 18, Map 98; GPA No. 10, Map 77;
Williamson Act Land Use Contract Cancellations

**Site 3**
CUP No. 15, Map 77; GPA No. 11, Map 77;
Williamson Act Land Use Contract Cancellations

**Site 4**
CUP No. 16, Map 77; GPA No. 12, Map 77;
Williamson Act Land Use Contract Cancellation

**Site 5**
CUP No. 26, Map 99; CUP No. 27, Map 99;
CUP No. 28, Map 99; CUP No. 61, Map 100;
GPA No. 10, Map 99; GPA No. 31, Map 100;
Williamson Act Land Use Contract Cancellations;
Non-Summary Vacation, Map 99

**Site 6**
CUP No. 17, Map 78; GPA No. 10, Map 78;
Williamson Act Land Use Contract Cancellations

**Site 8**
CUP No. 12, Map 54; CUP No. 17, Map 77;
CUP No. 18, Map 77; CUP No. 19, Map 77;
GPA No. 1, Map 54; GPA No. 13, Map 77;
Williamson Act Land Use Contract Cancellations

Kern County
Planning and Natural Resources Department
Bakersfield, CA

November 2025

*This page intentionally left blank.*

# Appendices—Volume 2

**NOTE TO REVIEWER OF ELECTRONIC FILES:**

To assist you in reviewing this electronic document, "bookmarks" and/or "links" have been provided for easier navigation between sections. When available, bookmarks are located in the panel to the left. Links are highlighted in **BLUE** in the Table of Contents. Clicking on either the bookmarks or links will take you to the selected item. This document may consist of multiple linked PDF files. If saving this document to your computer, you must save all corresponding files to a directory on your hard drive to maintain the manner in which these PDF documents are linked.


## Appendix A.1: Notice of Preparation

## Appendix A.2: Notice of Preparation Comments

## Appendix A.3: Scoping Meeting Agenda

## Appendix A.4: Scoping Meeting Summary

## Appendix B: Farming History Report

## Appendix C.1: Air Quality, Greenhouse Gas, and Energy Memorandum

## Appendix C.2: Air Quality, Greenhouse Gas, and Energy Technical Report

*This page intentionally left blank.*

Appendix A

# Notice of Preparation Materials

*This page intentionally left blank.*

Appendix A.1

# Notice of Preparation

*This page intentionally left blank.*

**Lorelei H. Oviatt, AICP, Director**
**2700 "M" Street, Suite 100**
**Bakersfield, CA 93301-2323**
**Phone: (661) 862-8600**
**Fax: (661) 862-8601** **TTY Relay 1-800-735-2929**
**Email: planning@kerncounty.com**
**Web Address: http://kernplanning.com/**

**PLANNING AND NATURAL RESOURCES DEPARTMENT**

**Planning**
**Community Development**
**Administrative Operations**

**DATE:** April 18, 2024

**TO:** See Attached Mailing List

**FROM:** Kern County Planning and Natural Resources Department
Attn: Jamal Ferguson
2700 "M" Street, Suite 100
Bakersfield, CA 93301
(661)862-5017; Fergusonj@kerncounty.com

**SUBJECT: NOTICE OF PREPARATION (NOP) OF A DRAFT ENVIRONMENTAL IMPACT REPORT (EIR) FOR THE BUTTONBUSH SOLAR BY 29SC 8ME LLC**

The Kern County Planning and Natural Resources Department as Lead Agency (per CEQA Guidelines Section 15062) has determined that preparation of an Environmental Impact Report (per CEQA Guidelines 15161) is necessary for the proposed project identified below. The Planning and Natural Resources Department solicits the views of your agency as to the scope and content of the environmental information which is germane to your agency's statutory responsibilities in connection with the proposed project. Your agency may need to use the EIR prepared by our agency when considering your permit or other approval of the project.

You are invited to view the Initial Study/NOP and submit written comments regarding the scope and content of the environmental information in connection with the proposed project should you wish to do so. Due to the limits mandated by State law, your response must be received by **Monday May 20, 2024 at 5:00 p.m**. Comments can be submitted to the Kern County Planning and Natural Resources Department at the address shown above or to Fergusonj@kerncounty.com. A Scoping meeting will be held on **Wednesday, May 1, 2024, at 1:30 p.m**. at the address listed above.

**PROJECT TITLE:** Buttonbush Solar Project by 29SC 8me, LLC (PP24407); **Site 1**: GPA No. 4, Map 98; SPA No. 5, Map 98; CUP No. 17, Map 98; CUP No. 25, Map 98; GPA No. 8, Map 99; SPA No. 9, Map 99; CUP No. 25, Map 99; **Site 2**: CUP No. 18, Map 98; GPA No. 10, Map 77; CUP No. 14, Map 77; **Site 3**: GPA No. 11, Map 77; CUP No. 15, Map 77; **Site 4**: GPA No. 12, Map 77; CUP No. 16, Map 77; **Site 5**: GPA No. 10, Map 99; CUP No. 26, Map 99; CUP No. 61, Map 99; GPA No. 31, Map 100; CUP No. 61, Map 100; **Site 6:** GPA No. 10, Map 78; CUP No. 17, Map 78; **Site 7:** GPA No. 11, Map 78; CUP No. 18, Map 78; **Site 8**: CUP No. 12, Map 54; CUP No. 17, Map 77; GPA No. 1, Map 54; GPA No. 13, Map 77; CUP No. 18, Map 77

**DOCUMENT AVAILABILITY:** The Notice of Preparation for the above referenced project are available for public review at the Planning and Natural Resources Department, which is located at 2700 "M" Street, Suite 100, Bakersfield, CA 93301, or it can be accessed on the Kern County Planning and Natural Resources Department website at: **https://kernplanning.com/environmental-doc/buttonbush-solar-project**

**PROJECT LOCATION:** The project site straddles the Interstate Highway 5 (I-5), is east of Buttonwillow Raceway Park, just north of Highway 58, and south of Highway 46, with the majority of the site being on the northeastern side of the I-5. The eastern section of the project site is approximately six (6) miles west of the City of Shafter, while the northern section is approximately 5.5 miles southwest of the City of Wasco. The southern section of the project site has I-5 running through its northern edge and its southern edge is within the Buttonwillow Community Development Plan. The fourth section of the project area roughly sits between the north and east sections. The project is within the Mount Diablo Base and Meridian (MDB&M).

**PROJECT DESCRIPTION:** The Buttonbush Solar and Storage Project is a photovoltaic (PV) solar facility with associated infrastructure necessary to generate up to 2 gigawatts (GW) of alternating current (AC) power with an up to 2 GW energy storage system. The project is located on 132 parcels across approximately 12,785 acres of privately owned land in the valley of Kern County. The project would be supported by a 500-kV, overhead gen-tie and/or underground electrical transmission line(s) originating from one or more on-site substations and terminating at the Pacific Gas & Electric (PG&E) Midway Substation. The project's permanent facilities would include solar panels, solar racking, inverters, service roads, a power collection system, communication cables, overhead and underground transmission lines, electrical switchyards, project substations, energy storage system(s), and operations and maintenance (O&M) facilities.

Implementation of the project as proposed includes the following requests:

**Site 1**:

a. Conditional Use Permit No. 17, Map 98 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. Conditional Use Permit No. 19, Map 98 to allow for the construction and operation of a microwave tower within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.F of the Kern County Zoning Ordinance.

c. Conditional Use Permit No. 25, Map 99 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

d. General Plan Amendment No. 4, Map 98 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries of Sections 1, 11, 12 of Township 29 South, Range 23 East, MDB&M; and General Plan Amendment No. 8, Map No. 99 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries of Sections 6 and 7 of Township 29 South and Range 24 East, MDB&M; and

e. Specific Plan Amendments No. 5, Map 98 to the Circulation Element of the Buttonwillow Community Development Specific Plan to remove future road reservations on the section and mid-section lines within the project boundaries 11 and 12 of Township 29 South, Range 23 East, MDB&M; and

f. Specific Plan Amendments No. 9, Map 99 to the Circulation Element of the Buttonwillow Community Development Specific Plan to remove future road reservations on the section and mid-section lines within the project boundaries of Sections 7 of Township 29 South and Range 24 East, MDB&M; and

g. Cancellation of approximately 2,069 acres of active Williamson Act Land Use Contracts.

**Site 2**:

a. Conditional Use Permit No. 14, Map 77 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. Conditional Use Permit No. 18, Map 98 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

c. General Plan Amendment No. 10, Map 77 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries of Sections 33 of Township 28 South and Range 23 East, MDB&M; and,

d. Cancellation of approximately 413 acres of active Williamson Act Land Use Contracts.

**Site 3:**

a. Conditional Use Permit No. 15, Map 77 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. General Plan Amendment No. 11, Map 77 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in Sections 28, 29, and 33 of Township 28 South and Range 23 East, MDB&M. Cancellation of approximately 658 acres of active Williamson Act Land Use Contracts.

**Site 4:**

a. Conditional Use Permit No. 16, Map 77 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance; and,

b. General Plan Amendment No. 12, Map 77 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in section 27 of Township 28 South and Range 23 East, MDB&M; and,

c. Cancellation of approximately 611acres of active Williamson Act Land Use Contracts.

**Site 5:**

a. Conditional Use Permit No. 26, Map 99 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. Conditional Use Permit No. 27, Map 99 to allow for the construction and operation of a microwave tower within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.F of the Kern County Zoning Ordinance.

c. Conditional Use Permit No. 61, Map 100 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

d. General Plan Amendment No. 10, Map 99 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in sections 2, 11, 12, 13, 14, of Township 29 South and Range 24 East, MDB&M; and,

e. General Plan Amendment No. 31, Map 100 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in section 7 of Township 29 South and Range 25 East, MDB&M; and,

f. Cancellation of approximately 2,694 acres of active Williamson Act Land Use Contracts.

**Site 6:**

a. Conditional Use Permit No. 17, Map 78 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. General Plan Amendment No. 10, Map 78 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in sections 23, 25, 26, 27, 34, 35 of Township 28 South and Range 24 East, MDB&M; and,

c. Cancellation of approximately 1,646 acres of active Williamson Act Land Use Contracts.

**Site 7:**

a. General Plan Amendment No. 11, Map 78 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in section 19 of Township 28 South and Range 24 East, MDB&M; and,

b. Conditional Use Permit No. 18, Map 78 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

c. Cancellation of approximately 480 acres of active Williamson Act Land Use Contracts.

**Site 8:**

a. Conditional Use Permit No. 12, Map 54 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. Conditional Use Permit No. 17, Map 77 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

c. Conditional Use Permit No. 18, Map 77 to allow for the construction and operation of a microwave tower within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.F of the Kern County Zoning Ordinance.

d. General Plan Amendment No. 1, Map 54 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in section 33 and 34 of Township 27 South and Range 23 East, MDB&M; and,

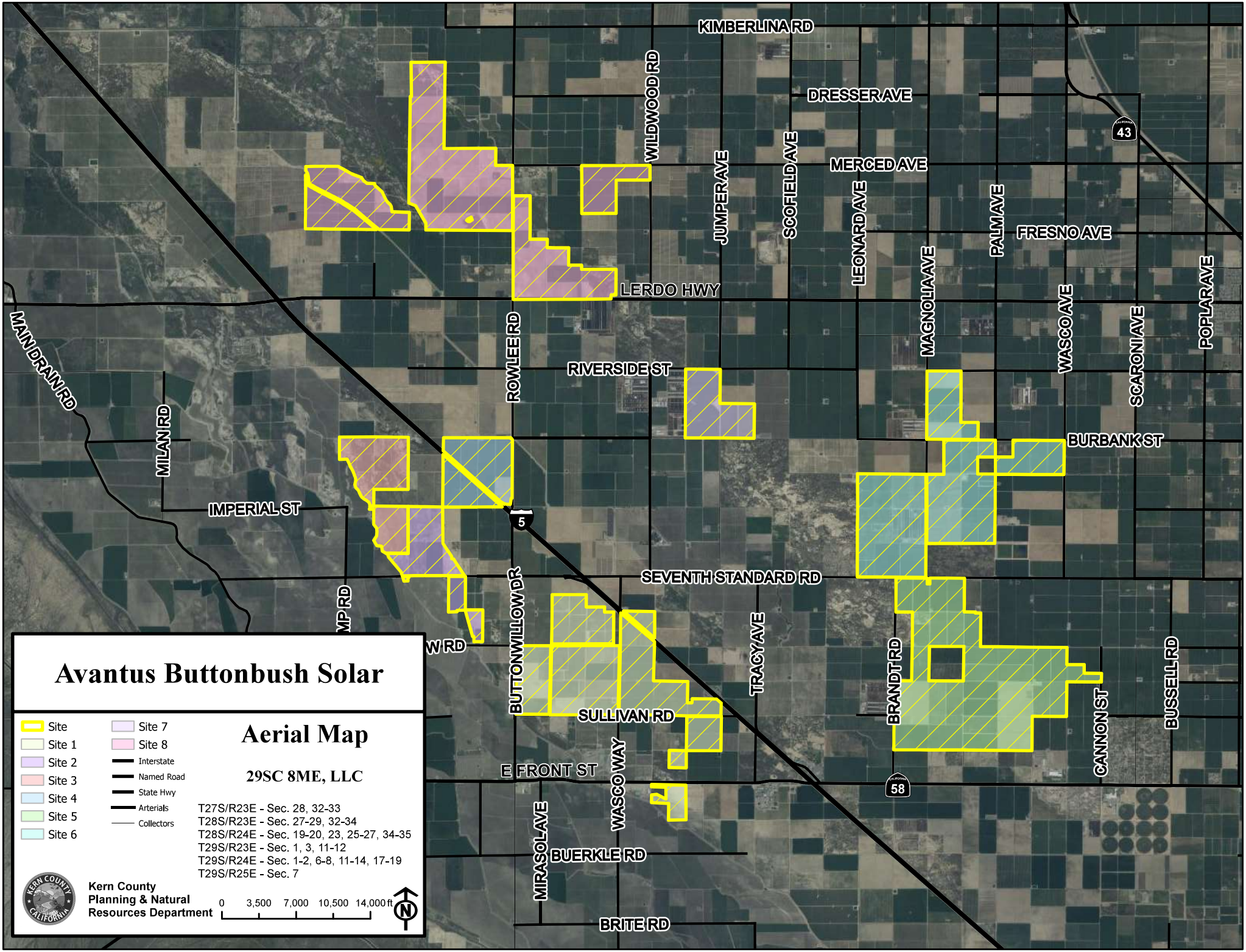
e. General Plan Amendment No. 13, Map 77 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in sections 1, 3, 4, 5, and 11 of Township 28 South and Range 23 East, MDB&M; and,

f. Cancellation of approximately 2,921 acres of active Williamson Act Land Use Contracts.

Documents can be viewed online at: https://kernplanning.com/planning/notices-of-preparation/

Signature:

Name: Jamal Ferguson, Planner I


KIMBERLINA RD
WILDWOOD RD
DRESSER AVE
JUMPER AVE
SCOFIELD AVE
MERCED AVE
LEONARD AVE
PALM AVE
FRESNO AVE
MAGNOLIA AVE
WASCO AVE
SCARONI AVE
POPLAR AVE
43
LERDO HWY
MAIN DRAIN RD
ROWLEE RD
RIVERSIDE ST
MILAN RD
BURBANK ST
IMPERIAL ST
5
SEVENTH STANDARD RD
BUTTONWILLOW DR
TRACY AVE
BRANDT RD
CANNON ST
BUSSELL RD
SULLIVAN RD
E FRONT ST
WASCO WAY
58
MIRASOL AVE
BUERKLE RD
BRITE RD
Avantus Buttonbush Solar
Aerial Map
29SC 8ME, LLC
Site
Site 1
Site 2
Site 3
Site 4
Site 5
Site 6
Site 7
Site 8
Interstate
Named Road
State Hwy
Arterials
Collectors
T27S/R23E - Sec. 28, 32-33
T28S/R23E - Sec. 27-29, 32-34
T28S/R24E - Sec. 19-20, 23, 25-27, 34-35
T29S/R23E - Sec. 1, 3, 11-12
T29S/R24E - Sec. 1-2, 6-8, 11-14, 17-19
T29S/R25E - Sec. 7
Kern County
Planning & Natural
Resources Department
0 3,500 7,000 10,500 14,000 ft
N

Button Bush Solar PP24407
CC 04/11/2024

087 160 53 00 4
A J PARSONS & FAMILY LTD PTP
400 BUTTONWILLOW DR
BUTTONWILLOW CA 93206-9749

087 060 04 00 3
AERA ENERGY LLC
P O BOX 11164
BAKERSFIELD CA 93389-1164

103 070 15 00 5
AFFENTRANGER BROTHERS
18107 KRATZMEYER RD
BAKERSFIELD CA 93314-9481

103 010 18 00 6 **DUP**
AFFENTRANGER FARMS LLC
18107 KRATZMEYER RD
BAKERSFIELD CA 93314-9481

103 060 08 00 2 **DUP**
AFFENTRANGER RANCHES
18107 KRATZMEYER RD
BAKERSFIELD CA 93314-9481

103 030 45 00 0
AINHOA LAND HOLDINGS LP
PO BOX 816
BUTTONWILLOW CA 93206

100 030 16 00 5
ANALEN L P
400 BUTTONWILLO DR
BUTTONWILLOW CA 93206

087 200 26 00 7
ANDREOTTI HEIDI
436 COTTON AV
BUTTONWILLOW CA 93206-9746

087 160 19 01 5
ANDREOTTI LOUIS JR
391 W 3RD ST
BUTTONWILLOW CA 93206-9751

087 070 54 00 1
ANDREOTTI VIDO L SPECIAL NEEDS TRUST
PO BOX 842
BUTTONWILLOW CA 93206

087 130 25 00 4
ANNDY LLC
12932 ANDY DR
CERRITOS CA 90703-6066

101 010 17 00 9
AREGSUN FARMING CO 2 LLC
413 PALM DR # 1
GLENDALE CA 91202-2307

069 350 38 00 4
ASSESSOR TITLE SECTION
1115 TRUXTUN AV
BAKERSFIELD CA 93301

088 130 21 00 9
AUKEMAN INVESTMENTS LP
28349 LOS ANGELES ST
SHAFTER CA 93263-9567

071 150 16 00 9
B & K L P
1231 G ST
WASCO CA 93280

087 010 18 00 9
B&E ROMANINI INVESTMENTS LP
PO BOX 786
BUTTONWILLOW CA 93206

087 010 09 02 1
BASSI JANET L 2011 TRUST
1336 RICHARD ST
SAN LUIS OBISPO CA 93401

103 030 16 00 6
BELLUOMINI BROTHERS FARMING
12102 HURST PARK DR
BAKERSFIELD CA 93311-8573

103 030 21 00 0
BELLUOMINI ELMO E ET AL
12102 HURST PARK DR
BAKERSFIELD CA 93311-8573

103 100 28 00 1
BELLUOMINI RANCHES LP
12102 HURST PARK DR
BAKERSFIELD CA 93311-8573

069 340 44 00 8
BHAIKA FARMS L P
10801 RAMSGATE WY
BAKERSFIELD CA 93311-2936

100 020 19 00 1
BITTLESTON ALLAN & LYNDA REV TR
7210 MEADOWBROOK LN
BAKERSFIELD CA 93309

100 030 06 00 6
BLOEMHOF AG ENTERPRISES
P O BOX 747
WASCO CA 93280

087 200 02 00 7
BONNIE & DAVID BLOEMHOF LLC
142 E TULARE AV
SHAFTER CA 93203

087 200 03 00 0
BONNIE & DAVID BLOEMHOF LLC
142 E TULARE AV
SHAFTER CA 93263-1834

103 060 04 00 0
BUSHNELL JON R & JULIA
BUSHNELL FAMILY TRUST
6608 BRANDT RD
BUTTONWILLOW CA 93206-9537

103 070 28 00 3
BUSHNELL MICHAEL D
PO BOX 853
BUTTONWILLOW CA 93206-0853

101 020 08 00 6
BUTTONWILLOW COUNTY WATER DIST
P O BOX 874
BUTTONWILLOW CA 93206

087 130 20 00 9
BUTTONWILLOW IMP DIST
P O BOX Z
WASCO CA 93280

087 040 06 00 3
BUTTONWILLOW LAND & CATTLE CO
7540 TRACY AV
BUTTONWILLOW CA 93206

088 110 54 00 9 **DUP**
CALIFORNIA RESOURCES PETROLEUM CORPORATION
27200 TOURNEY RD STE 200
SANTA CLARITA CA 91355-4910

087 010 10 00 5 **DUP**
CALLAHAN RANCH PROP LLC
PO BOX 1359
BETHEL ISLAND CA 94511

088 180 37 00 1
COUNTY OF KERN
1115 TRUXTUN AV FLR 3
BAKERSFIELD CA 93301

087 090 01 00 3
DE BOER GEORGE & JENNIFER J FAMILY TRUST
PO BOX 757
BUTTONWILLOW CA 93206

100 100 13 01 5
DOVE RANCH LLC
3430 UNICORN RD
BAKERSFIELD CA 93308

088 160 17 00 7
FAIAL LAND CO LP
PO BOX 456
ARVIN CA 93203-0456

103 040 20 00 0
FIVE RIVERS RANCH LLC
810 BAYRIDGE PL
FAIRFIELD CA 94535

087 160 25 00 3
FRED PALLA FARMS INC
327 CORN CAMP RD
BUTTONWILLOW CA 93206-9729

087 060 43 00 6
GIANNINI MICHAEL L & JENNIFER L
P O BOX 815
BUTTONWILLOW CA 93206

100 100 34 00 7
BUTTONWILLOW WAREHOUSE CO
3430 UNICORN RD
BAKERSFIELD CA 93308-6829

071 150 19 00 8 **DUP**
CALIFORNIA RESOURCES PRODUCTION CORPORATION
27200 TOURNEY RD STE 200
SANTA CLARITA CA 91355-4910

103 130 02 00 4
CALLAN JOHN T
PO BOX 764
KENTFIELD CA 94914-0764

101 060 06 00 2 **INC**
COUNTY OF KERN
*
*

103 030 37 00 7
DE SHANE FAMILY TRUST
8605 CHAUMONT CT
BAKERSFIELD CA 93311-1502

103 010 38 00 4
ESPARZA JOSE ROLANDO
PO BOX 412
BUTTONWILLOW CA 93206-0412

103 110 01 00 5
FARMERS COOPERATIVE GIN INC
2531 WASCO WY
BUTTONWILLOW CA 93206

100 020 04 00 7
FOX THOMAS W & LORIE A FAMILY TRUST
7327 OUTINGDALE DR
BAKERSFIELD CA 93309-2764

087 130 28 00 3 **DUP**
FRED PALLA FARMS INC ET AL
327 CORN CAMP RD
BUTTONWILLOW CA 93206-9729

104 050 02 00 8
GLOBAL AG PROP USA LLC
2004 FOX DR STE L
CHAMPAIGN IL 61820-7346

069 340 67 00 5
CALIFORNIA RESOURCES PETROLEUM CORP
27200 TOURNEY RD STE 200
SANTA CLARITA CA 91355-4910

087 010 09 01 2
CALLAHAN RANCH PROP LLC
P O BOX 1359
BETHEL ISLAND CA 94511

103 070 06 01 8
COLLINS DONALD & TRACY
3154 E PANAMA LN
BAKERSFIELD CA 93307-9208

101 060 12 00 9 **DUP**
COUNTY OF KERN
1115 TRUXTUN AV FLR 4
BAKERSFIELD CA 93301

088 200 07 00 9
DELANO GREENS LLC
9737 AERO DR STE 150
SAN DIEGO CA 92123

087 010 04 01 7
ETOLA MOSLEY FAMILY L P
29747 SAN DIEGO ST
SHAFTER CA 93263-9763

103 120 12 00 0
FARMERS COOPERATIVE GIN INC
RT 1 BX 15
BUTTONWILLOW CA 93206

087 160 52 00 1 **DUP**
FOX THOMAS W & LORIE A FMLY TR
7327 OUTINGDALE DR
BAKERSFIELD CA 93309-2764

100 090 02 00 2
GEORGE HAY CORPORATION
2001 22ND ST STE 100
BAKERSFIELD CA 93301

103 010 29 00 8
GONTERO CLARA F M TR
525 PINEY WY
MORRO BAY CA 93442-2353

069 350 17 00 3
GOOSE POND AG INC
301 E MAIN ST
TURLOCK CA 95380-4537

069 340 28 01 1
GOOSELAKE HOLDING CO
7540 TRACY AV
BUTTONWILLOW CA 93206

104 100 05 00 1
GRIMMWAY ENTERPRISES INC
PO BOX 81498
BAKERSFIELD CA 93380-1498

103 010 36 00 8
HB AG INVS LLC
12300 PANAMA LN
BAKERSFIELD CA 93311-9794

103 070 09 00 8
HIGHWAY 58 LLC
300 PASEO TESORO
WALNUT CA 91789

100 100 07 01 8
HILL RANCH GROUP LLC
1600 CORN CAMP RD
BUTTONWILLOW CA 93206-9729

100 100 22 00 2
HOLDER DENNIS
1632 BUTTONWILLOW DR
BUTTONWILLOW CA 93206-0818

087 140 10 00 3
HOUCHIN CLIFFORD M MARITAL TR 1A
PO BOX 568
BUTTONWILLOW CA 93206-0568

087 160 01 00 3
HOUCHIN WALLACE & JANICE FAM TR FBO VICKI C
3430 UNICORN RD
BAKERSFIELD CA 93308

087 100 05 00 7
J & R DAIRY
PO BOX 667
BUTTONWILLOW CA 93206-0667

104 040 01 00 2
J3G ENTERPRISES LLC
PO BOX 1200
WASCO CA 93280

088 180 16 01 9
JAG61 LP
PO BOX 1300
SHAFTER CA 93263-1300

087 080 04 00 9
JOHN HANCOCK MUTUAL LIFE INS CO
301 E MAIN ST
TURLOCK CA 95380-4537

103 030 11 00 1
JOHNSON K L & PARKER M M
324 W TRYON ST
HILLSBOROUGH NC 27278-2438

088 180 35 00 5
JOHNSON NATHANIEL
140 W LERDO HW
SHAFTER CA 93263

103 130 06 00 6
JORGE EDWARD P REVOCABLE SEPARATE PROP TRUST
P O BOX 2201
ORCUTT CA 93457

103 100 18 00 2
KEYVAN FARMS LLC
PO BOX 82034
BAKERSFIELD CA 93380-2034

088 210 02 00 7
LA BRUCHERIE RONALD V
12953 SOUTH BAKER
ONTARIO CA 91761

088 140 03 00 0
LERDO HIGHWAY SHAFTER CA LP
1521 WESTBRANCH DR STE 100
MCLEAN VA 22102

088 170 03 01 8 **DUP**
LERDO HIGHWAY SHAFTER CA LP
1521 WESTBRANCH DR STE 100
MC LEAN VI 22102

103 120 31 00 5
M&C ROMANINI FAMILY L P
6605 MOUNT WHITNEY DR
BAKERSFIELD CA 93309

087 030 11 00 4
MANSTON GREGG
PO BOX 343
CLAREMONT CA 91711

087 030 12 00 7 **DUP**
MANSTON GREGG
P O BOX 343
CLAREMONT CA 91711

069 340 34 01 8
MARICOPA ORCHARDS LLC
5260 N PALM AV ML STP M STE 421
FRESNO CA 93704

103 010 37 00 1
MARTINEZ MAGDALENO & VIRGINIA
P O BOX 1046
SHAFTER CA 93263-1046

087 060 24 00 1
MC ABEE WINTON & BARBARA FAMILY TRUST
P O BOX 686
SHAFTER CA 93263-0686

100 020 07 00 6
MELIS CORP
4450 OLIVE AV
LONG BEACH CA 90807

087 060 10 00 0
MELO JAMES
1644 LANTANA DR
MINDEN NV 89423

087 030 01 00 5
MGAI ENTERPRISE LLC
4210 BOUQUET WY # 39
SACRAMENTO CA 95834

087 150 26 00 3
NAHABEDIAN EXPLORATION GROUP LLC (THE)
420 BRYANT CI STE D
OJAI CA 93023-4209

088 210 06 00 9
NO RIVER SANITARY DIST #1 ETAL
5001 OLIVE DR
BAKERSFIELD CA 93308-2955

088 110 06 00 0
OASIS HOLSTEINS
18041 PALM AV
SHAFTER CA 93263-9533

088 150 01 00 7
OHANNESON SEC 23 FARMLAND LLC
PO BOX 22560
BAKERSFIELD CA 93390-2560

069 340 50 00 5
OROZCO JESUS
12340 TELEPHONE AV
CHINO CA 91710

087 060 29 00 6
PACIFIC GAS & ELECTRIC CO
1 MARKET PZ STE 400
SAN FRANCISCO CA 94105-1004

088 170 10 00 9
PALLA ALEXANDER
6617 HOPPER AV
BAKERSFIELD CA 93308

087 130 08 01 4
PALLA ALFRED JR & JANETTE
FAMILY TRUST
327 CORN CAMP RD
BUTTONWILLOW CA 93206-9729

088 190 37 00 4
PALLA DONALD & CATHERINE FAM
TRUST
6615 KANE WY
BAKERSFIELD CA 93309

088 110 05 01 6 **DUP**
PALLA DONALD & CATHERINE FMLY
TR
6615 KANE WY
BAKERSFIELD CA 93309

100 010 20 00 0
PARSONS BROS PTP
400 BUTTONWILLOW DR
BUTTONWILLOW CA 93206-9749

087 200 06 00 9 **DUP**
PARSONS BROTHERS PTP
400 BUTTONWILLOW DR
BUTTONWILLOW CA 93206

103 040 02 00 8
PORTWOOD PHILIP FAMILY TRUST
P O BOX 781
WASCO CA 93280

103 120 29 00 0
PROLOGIS
1800 WAZEE ST STE 500
DENVER CO 80202-2526

087 140 05 00 9
QUAILWOOD GROVES LLC
PO BOX 98
BUTTONWILLOW CA 93206-0098

069 340 51 00 8
RAMIREZ ZUNIGA FAMILY LLC
1801 PARK COURT PL STE E201
SANTA ANA CA 92701

103 030 36 00 4
RJSP ROMANINI AG PROP LLC
45600 HWY 58
BUTTONWILLOW CA 93206

087 010 20 00 4
ROMANINI FAMILY L P
PO BOX 786
BUTTONWILLOW CA 93206

087 020 01 00 2
ROMANINI FAMILY L P
12107 HURST PARK DR
BAKERSFIELD CA 93311

088 140 20 01 8
ROMANINI LIVING TRUST
45600 HWY 58
BUTTONWILLOW CA 93206

087 210 08 00 8
ROMANINI WILLIE EST TR
P O BOX 850
WASCO CA 93280

103 040 30 00 9
ROYALE ENERGY INC
7676 HAZARD CENTER DR # 1500
SAN DIEGO CA 92108

087 060 46 00 5
RY FARMS INC
10622 RYCROFT WY
BAKERSFIELD CA 93311-2959

087 170 02 01 8
SAGE CREEK RANCH LLC
3430 UNICORN ST
BAKERSFIELD CA 93308

103 040 15 00 6
SALISBURY CHARLES S TR ET AL
P O BOX 54419
LOS ANGELES CA 90054

103 100 39 00 3
SAN JOAQUIN SOLUTIONS LLC
8953 QUAIL HOLLOW CT
BAKERSFIELD CA 93314

069 340 27 01 8
SANDFORD JEAN A TRUST
654 N RANCH WOOD TL
ORANGE CA 92869-2302

069 350 20 00 1 **DUP**
SANDRIDGE PARTNERS
960 N SAN ANTONIO RD STE 114
LOS ALTOS CA 94022-1346

103 120 25 00 8
SANDRIDGE PARTNERS L P
960 N SAN ANTONIO RD STE 114
LOS ALTOS CA 94022-1346

087 070 02 00 0 **DUP**
SANDRIDGE PARTNERS LP
960 N SAN ANTONIO RD STE 114
LOS ALTOS CA 94022-1346

069 340 72 00 9
SCROGGS ALAN & ELIZABETH
FAMILY TRUST
PO BOX 81678
BAKERSFIELD CA 93380-1678

069 350 07 01 3
SEMITROPIC IMPVT DIST
PO BOX 8043
WASCO CA 93280-8137

087 130 29 00 6
SEMITROPIC IMPVT DIST
PO BOX Z
WASCO CA 93280

069 350 29 00 8
SEMITROPIC WATER STORAGE DIST
P O BOX Z
WASCO CA 93280

088 180 04 01 4
SILL PROP INC
1508 18TH ST STE 320
BAKERSFIELD CA 93301

088 180 02 00 **DUP**
SILL PROPERTIES
1508 18TH ST STE 320
BAKERSFIELD CA 93301-4429

088 180 06 01 0 **DUP**
SILL PROPERTIES
1508 18TH ST # 320
BAKERSFIELD CA 93301

088 180 07 00 4 **DUP**
SILL PROPERTIES
1508 18TH ST RM 320
BAKERSFIELD CA 93301

088 180 11 01 4 **DUP**
SILL PROPERTIES INC
1508 18TH ST STE 320
BAKERSFIELD CA 93301

100 010 07 00 3
SKY TO WALK HEALTHY LLC
20735 E MILL LN
DIAMOND BAR CA 91789-4071

088 200 18 00 1
SLEGERS BENNETT & RHONDA FAMILY TRUST
15914 LEGACY CT
BAKERSFIELD CA 93314

088 170 09 00 7
SLEGERS FAMILY L P
15914 LEGACY CT
BAKERSFIELD CA 93314

087 060 42 00 3
SLIKKER 2012 LIVING TR
12001 APRIL ANN AV
BAKERSFIELD CA 93312-3624

103 130 04 00 0
SOUTHERN CALIF EDISON CO
2244 WALNUT GROVE AV
ROSEMEAD CA 91770-3714

087 160 28 00 2
SOUTHERN CALIF GAS CO
612 SO FLOWER ST
LOS ANGELES CA 90054

087 010 14 00 7
SR RANCH LLC
2905 F ST
BAKERSFIELD CA 93301-1819

100 010 13 00 0
STARRH & STARRH COTTON GROWERS LP
PO BOX 1537
SHAFTER CA 93263-1537

087 160 24 00 0
STATE OF CALIFORNIA
1807 13TH ST STE 103
SACRAMENTO CA 95814-7117

088 200 08 00 2
STATE OF CALIFORNIA
1416 NINTH ST
SACRAMENTO CA 95814

087 070 10 00 3
STITZINGER B L ET AL
6441 CAMILLE DR
HUNTINGTN BCH CA 92647

087 060 02 00 7
SWIFT STEVEN E & MARY A TR
P O BOX 111
TOUTLE WA 98649

087 010 01 00 9
SYED ASARULISLAM M & NAYLA A TR
15821 CENTRAL AV
WASCO CA 93280

087 070 35 00 6
TAYAN REFAAT
25992 LERDO HWY
BUTTONWILLOW CA 93206

100 010 21 00 3
THOMSON FMLY PROP LLC
9913 SUNSET BL
BAKERSFIELD CA 93307-8512

088 150 18 00 7
TISS DAVID L & CONNIE L REV TRUST
18221 MAGNOLIA AV
SHAFTER CA 93263-9741

088 190 20 00 4
TJAARDA RANCHES LLC
19211 MAGNOLIA AV
SHAFTER CA 93263-9561

087 060 45 00 2
TKAC JON V & WENDY D FMLY TR
12309 APRIL ANN AV
BAKERSFIELD CA 93312-4610

100 100 03 01 6
TORETTA LTD I LP
P O BOX 565
BUTTONWILLOW CA 93206

087 010 08 00 0
TRACY RANCH INC
7540 TRACY AV
BUTTONWILLOW CA 93206-9742

087 040 04 00 7
TRACY ROBERT & ELIZABETH REV TR
P O BOX 505
BUTTONWILLOW CA 93206

069 350 40 00 9
UNDERGROUND ENERGY INC
7 W FIGUEROA ST FLR 3
SANTA BARBARA CA 93101-5109

103 100 37 00 7
UNION PACIFIC RAILROAD CO
1400 DOUGLAS ST
OMAHA NE 68179-1610

069 340 32 00 3
VANDER POEL BRIAN TR
15147 MOORESVILLE PL
BAKERSFIELD CA 93314

088 150 19 00 0
VANDER POEL FAMILY TRUST
28989 RIVERSIDE ST
SHAFTER CA 93263-9632

088 180 36 00 8
VILLALVAZO RAMON & MARIA J
140 W LERDO HW
SHAFTER CA 93263

069 340 71 00 6
WAGNER FAMILY TRUST
PO BOX 975
SHAFTER CA 93263-0975

069 350 08 01 6
WATERHOUSE & NEUFELD FAM TRUST
PO BOX 8014
WASCO CA 93280-8088

088 170 17 00 0
WEST STAR DAIRY
26953 RIVERSIDE ST
BUTTONWILLOW CA 93206-9730

087 010 21 00 7
WILDWOOD GROUP INC
2800 ROAD 136
DELANO CA 93215-9326

103 100 19 01 4
WILLOW AVENUE INVESTMENTS LLC
5260 N PALM AV STE 421A
FRESNO CA 93704

088 140 23 00 8
YANG LE SA & YU MU CHI
2558 BLAZE TL
DIAMOND BAR CA 91765-3209

087 090 04 00 2
YEN JASON FELIX & WANG ANQI
36 E 125TH ST
BURNSVILLE MN 55337

City of Arvin
P.O. Box 548
Arvin, CA 93203

Bakersfield City Public Works Dept
1501 Truxtun Avenue
Bakersfield, CA 93301

California City Planning Dept
21000 Hacienda Blvd.
California City, CA 93515

Delano City Planning Dept
P.O. Box 3010
Delano, CA 93216

City of Maricopa
P.O. Box 548
Maricopa, CA 93252

City of McFarland
401 West Kern Avenue
McFarland, CA 93250

City of Ridgecrest
100 West California Avenue
Ridgecrest, CA 93555

City of Shafter
336 Pacific Avenue
Shafter, CA 93263

City of Taft
Planning & Building
209 East Kern Street
Taft, CA 93268

City of Tehachapi
Attn: John Schlosser
115 South Robinson Street
Tehachapi, CA 93561-1722

City of Wasco
764 E Street
Wasco, CA 93280

Inyo County Planning Dept
P.O. Drawer "L"
Independence, CA 93526

Kings County Planning Agency
1400 West Lacey Blvd, Bldg 6
Hanford, CA 93230

Los Angeles Co Reg Planning Dept
320 West Temple Street
Los Angeles, CA 90012

San Bernardino Co Planning Dept
385 North Arrowhead Avenue, 1st Floor
San Bernardino, CA 92415-0182

San Luis Obispo Co Planning Dept
Planning and Building
976 Osos Street
San Luis Obispo, CA 93408

Santa Barbara Co Resource Mgt Dept
123 East Anapamu Street
Santa Barbara, CA 93101

Tulare County Planning & Dev Dept
5961 South Mooney Boulevard
Visalia, CA 93291

Ventura County RMA Planning Div
800 South Victoria Avenue, L1740
Ventura, CA 93009-1740

North West Kern Resource Cons Dist
5080 California Avenue, Suite 150
Bakersfield, CA 93309

Environmental Protection Agency
Region IX Office
75 Hawthorn Street
San Francisco, CA 94105

U.S. Dept of Agriculture/NRCS
5080 California Avenue, Ste 150
Bakersfield, CA 93309-0711

State Dept of Conservation
Director's Office
715 "P" Street, MS 1900
Sacramento, CA 95814

State Dept of Conservation
Geologic Energy Management Division
11000 River Run Boulevard
Bakersfield, CA 93311

California Fish & Wildlife
1234 East Shaw Avenue
Fresno, CA 93710

Kern County Public Works Department/
Building & Development/Survey

Kern County
Env Health Services Department

Kern County Fire Dept (Put in FIRE BOX)
Regina Arriaga
Roxanne Routh
Jim Killam

Kern County Library/Beale
Andie Sullivan

Kern County Parks & Recreation

Kern County Sheriff's Dept
Administration

Kern County Public Works Department/
Building & Development/Code
Compliance

Kern County Superintendent of Schools
Attention School District Facility Services
1300 - 17th Street
Bakersfield, CA 93301

Kern County Water Agency
3200 Rio Mirada Drive
Bakersfield, CA 93308

Adams, Broadwell, Joseph & Cardozo
Attention: Janet M. Laurain
601 Gateway Boulevard, Suite 1000
South San Francisco, CA 94080

AT&T California
OSP Engineering/Right-of-Way
4901 Ashe Road
Bakersfield, CA 93313

Los Angeles Audubon
926 Citrus Avenue
Los Angeles, CA 90036-4929

Defenders of Wildlife
P.O. Box 401
Folsom, CA 95763

Native American Heritage Council
of Kern County
Attn: Gene Albitre
18169 Highway 155
Woody, CA 93287

Pacific Gas & Electric Co
Land Projects
650 "O" Street, First Floor
Fresno, CA 93760-0001

Southern California Gas Co
Transportation Dept
P.O. Box 513249
Los Angeles, CA 90051

Verizon California, Inc.
Attention Engineering Department
520 South China Lake Boulevard
Ridgecrest, CA 93555

David Laughing Horse Robinson
P.O. Box 20849
Bakersfield, CA 93390

Leadership Counsel for Justice &
Accountability
85350 Bagdad Ave.
Coachella, CA 92236

LIUNA
Attn: Danny Zaragoza
2201 "H" Street
Bakersfield, CA 93301

Tulare Basin Wetlands Association
Attention Dennis Slater
5316 Muirfield Drive
Bakersfield, CA 93306-9704

Semi Tropic Water Storage Dist
P.O. Box Z
Wasco, CA 93280

Rosedale-Rio Bravo Water Dist
849 Allen Road
Bakersfield, CA 93314

Buena Vista Water Storage Dist
P.O. Box 756
Buttonwillow, CA 93206

Wasco Union Elementary School Dist
639 Broadway
Wasco, CA 93280

Richland-Lerdo Union School Dist
331 Shafter Avenue
Shafter, CA 93263

Shafter High School Dist
526 Mannel Avenue
Shafter, CA 93263

Shafter Rec & Parks Dist
700 East Tulare Avenue
Shafter, CA 93263

Buttonwillow Union School Dist
42600 Highway 58
Buttonwillow, CA 93206

Wasco Union Elementary School Dist
639 Broadway
Wasco, CA 93280

Terra-Gen Power, LLC
Randy Hoyle
11512 El Camino Real, Suite 370
San Diego, CA 92130-3025

Renewal Resources Group
Holding Company
Rupal Patel
113 South La Brea Avenue, 3rd Floor
Los Angeles, CA 90036

David Walsh
22941 Banducci Road
Tehachapi, CA 93561

Fotowatio Renewable Ventures
Sean Kiernan
44 Montgomery Street, Suite 2200
San Francisco, CA 94104

EDP Renewables Company
North America, LLC
53 SW Yamhill Street
Portland, OR 97204

Congentrix Sunshine, LLC
Rick Neff
9405 Arrowpoint Blvd
Charlotte, NC 28273

Wind Stream, LLC
Albert Davies
1275 - 4th Street, No. 107
Santa Rosa, CA 95404

Darren Kelly
Sr. Business Manager
Terra-Gen Power, LLC
1095 Ave of the Americas – FL 25, Ste A
New York, NY 10036-6797

Bill Barnes
Dir of Asset Mgmt
AES Midwest Wind Gen
P.O. Box 2190
Palm Springs, CA 92263-2190

U.S. Army
Attn: Daniel J. Saelens
G3 Force Integration
P.O. Box 105100
Fort Irwin, CA 92310

PG&E
Steven Ng, Manager
Renewal Dev, T&D Intercon
77 Beal Street, Room 5361
San Francisco, CA 94105

Wayne Mayes
Iberdrola Renewables
Dir Tech Serv
1125 NW Couch St, Ste 700, 7th Fl
Portland, OR 97209

Kate Kelly
Kelly Group
P.O. Box 868
Winters, CA 95694

Carol Lawhon
Association Executive, IOM
Tehachapi Area Assoc of Realtors
803 Tucker Road
Tehachapi, CA 93561

U. S. Fish & Wildlife Service
Division of Ecological Services
2800 Cottage Way #W-2605
Sacramento, CA 95825-1846

So. San Joaquin Valley Arch Info Ctr
California State University of Bkfd
9001 Stockdale Highway
Bakersfield, CA 93311

U.S. Bureau of Land Management
Caliente/Bakersfield
35126 McMurtrey Avenue
Bakersfield, CA 93308

Caltrans/Dist 6
Planning/Land Bank Bldg.
P.O. Box 12616
Fresno, CA 93778

California Regional Water Quality
Control Board/Central Valley Region
1685 E Street
Fresno, CA 93706-2020

Kern County Public Works Department/
Building & Development/Floodplain

Robert Burgett
9261 - 60th Street, West
Mojave, CA 93501

Kern County Public Works Department/
Building & Development/Development
Review

Kern County Public Works
Department/Operations &
Maintenance/Regulatory Monitoring &
Reporting

Structure Cast
Larry Turpin, Precast Sales Manager
8261 McCutchen Road
Bakersfield, CA 93311

San Joaquin Valley
Air Pollution Control District
1990 East Gettysburg Avenue
Fresno, CA 93726

Kern Mosquito Abatement Dist
4705 Allen Road
Bakersfield, CA 93314

Michael Strickler
Iberdrola Renewables, Sr Proj Mgr
1125 NW Couch St, Ste 700, 7th Fl
Portland, OR 97209

Center on Race, Poverty
& the Environment
5901 Christie Avenue, Suit 208
Emeryville, CA 94608

Center on Race, Poverty
& the Environmental/
CA Rural Legal Assistance Foundation
1012 Jefferson Street
Delano, CA 93215

Recurrent Energy
Seth Israel
300 California Street, 8th Floor
San Francisco, CA 94101-1407

Sierra Club/Kern Kaweah Chapter
P.O. Box 3357
Bakersfield, CA 93385

Kern Valley Indian Council
Attn: Robert Robinson, Chairperson
P.O. Box 401
Weldon, CA 93283

Rio Bravo-Greeley Union School Dist
6521 Enos Lane
Bakersfield, CA 93314

Kern Valley Indian Council
Historic Preservation Office
P.O. Box 401
Weldon, CA 93283

Southern California Gas Co
Transportation Dept
P.O. Box 513249
Los Angeles, CA 90051

Maple School Dist
29161 Fresno Avenue
Shafter, CA 93263

Lozeau Drury LLP
1939 Harrison Street, Suite 150
Oakland, CA 94612

Mojave Town Council
Bill Deaver, President
P.O. Box 1113
Mojave, CA 93502-1113

Wasco Rec & Parks Dist
1280 Poplar Street
Wasco, CA 93280

Sarah K. Friedman
Beyond Coal Campaign/Sierra Club
1417 Calumet Avenue
Los Angeles, CA 90026

Buttonwillow Rec & Parks Dist
P.O. Box 434
Buttonwillow, CA 93206-9320

103 010 42 00 5
3&1 FARMS INC
6608 BRANDT RD
BUTTONWILLOW CA 93206-9537

# Notice of Completion & Environmental Document Transmittal

*Mail to:* State Clearinghouse, P. O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
*For Hand Delivery/Street Address:* 1400 Tenth Street, Sacramento, CA 95814

**SCH #** _____

**Project Title:** Buttonbush Solar by 29SC 8me LLC

Lead Agency: Kern County Planning and Natural Resources Department | Contact Person: Jamal Ferguson

Mailing Address: 2700 "M" Street Suite 100 | Phone: (661) 862-5017

City: Bakersfield | Zip: 93301 | County: Kern

**Project Location:** County: Kern | City/Nearest Community: Buttonwillow

Cross Streets: Elk Hills Road and Skyline Road | Zip Code: 93313

Lat. / Long.: 35° 16' 32.8" North; 119° 28' 10.2" West | Total Acres: 12,785

Assessor's Parcel No.: Multiple | Section: Multiple | Twp.: Multiple | Range: Mulitple | Base: MDB&M

Within 2 Miles: State Hwy #: N/A | Waterways: N/A

Airports: N/A | Railways: N/A | Schools: N/A

**Document Type:**

CEQA: ☒ NOP ☐ Early Cons ☐ Neg Dec ☐ Mit Neg Dec ☐ Draft EIR ☐ Supplement/Subsequent EIR (Prior SCH No.) _____ ☐ Other _____

NEPA: ☐ NOI ☐ EA ☐ Draft EIS ☐ FONSI

Other: ☐ Joint Document ☐ Final Document ☐ Other _____

**Local Action Type:**

☐ General Plan Update
☒ General Plan Amendment
☐ General Plan Element
☐ Community Plan
☐ Specific Plan
☐ Master Plan
☐ Planned Unit Development
☒ Site Plan
☒ Rezone
☐ Prezone
☐ Use Permit
☐ Land Division (Subdivision, etc.)
☐ Annexation
☐ Redevelopment
☐ Coastal Permit
☒ Other: Land Use Contract Cancellation

**Development Type:**

☐ Residential: Units _____ Acres _____
☐ Office: Sq.ft. _____ Acres _____ Employees _____
☐ Commercial: Sq.ft. _____ Acres _____ Employees _____
☐ Industrial: Sq.ft. _____ Acres _____ Employees _____
☐ Educational _____
☐ Recreational _____

☐ Water Facilities: Type _____ MGD _____
☐ Transportation: Type _____
☐ Mining: Mineral _____
☒ Power: Type PV Solar MW 2,000
☐ Waste Treatment: Type _____ MGD _____
☐ Hazardous Waste: Type _____
☐ Other: _____

**Project Issues Discussed in Document:**

☒ Aesthetic/Visual
☒ Agricultural Land
☒ Air Quality
☒ Archeological/Historical
☒ Biological Resources
☐ Coastal Zone
☒ Drainage/Absorption
☒ Economic/Jobs
☒ Fiscal
☒ Flood Plain/Flooding
☒ Forest Land/Fire Hazard
☒ Geologic/Seismic
☒ Minerals
☒ Noise
☐ Population/Housing Balance
☒ Public Services/Facilities
☐ Recreation/Parks
☐ Schools/Universities
☒ Septic Systems
☒ Sewer Capacity
☒ Soil Erosion/Compaction/Grading
☒ Solid Waste
☒ Toxic/Hazardous
☒ Traffic/Circulation
☒ Vegetation
☒ Water Quality
☒ Water Supply/Groundwater
☒ Wetland/Riparian
☒ Wildlife
☒ Growth Inducing
☒ Land Use
☒ Cumulative Effects
☒ Other GHG, Wildfire, Tribal Cultural Resources, Energy

**Present Land Use/Zoning/General Plan Designation:**

Agricultural Land/*Zoning:* A (Exclusive Agriculture)/*General Plan:* 8.4 (Mineral Petroleum)

**Project Description:** The Buttonbush Solar Project would include the construction and operation of a photovoltaic (PV) solar facility and associated infrastructure to generate up to 2 gigawatts (GW) of alternating current (AC) power with an up to 2 GW energy storage system.

Implementation of the project as proposed includes the following requests:

**Site 1**:

a. Conditional Use Permit No. 17, Map 98 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. Conditional Use Permit No. 19, Map 98 to allow for the construction and operation of a microwave tower within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.F of the Kern County Zoning Ordinance.

c. Conditional Use Permit No. 25, Map 99 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

d. General Plan Amendment No. 4, Map 98 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries of Sections 1, 11, 12 of Township 29 South, Range 23 East, MDB&M; and General Plan Amendment No. 8, Map No. 99 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries of Sections 6 and 7 of Township 29 South and Range 24 East, MDB&M; and

e. Specific Plan Amendments No. 5, Map 98 to the Circulation Element of the Buttonwillow Community Development Specific Plan to remove future road reservations on the section and mid-section lines within the project boundaries 11 and 12 of Township 29 South, Range 23 East, MDB&M; and

f. Specific Plan Amendments No. 9, Map 99 to the Circulation Element of the Buttonwillow Community Development Specific Plan to remove future road reservations on the section and mid-section lines within the project boundaries of Sections 7 of Township 29 South and Range 24 East, MDB&M; and

g. Cancellation of approximately 2,069 acres of active Williamson Act Land Use Contracts.

**Site 2**:

a. Conditional Use Permit No. 14, Map 77 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. Conditional Use Permit No. 18, Map 98 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

c. General Plan Amendment No. 10, Map 77 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries of Sections 33 of Township 28 South and Range 23 East, MDB&M; and,

d. Cancellation of approximately 413 acres of active Williamson Act Land Use Contracts.

**Site 3:**

a. Conditional Use Permit No. 15, Map 77 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. General Plan Amendment No. 11, Map 77 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in

Sections 28, 29, and 33 of Township 28 South and Range 23 East, MDB&M. Cancellation of approximately 658 acres of active Williamson Act Land Use Contracts.

**Site 4:**

a. Conditional Use Permit No. 16, Map 77 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance; and,

b. General Plan Amendment No. 12, Map 77 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in section 27 of Township 28 South and Range 23 East, MDB&M; and,

c. Cancellation of approximately 611acres of active Williamson Act Land Use Contracts.

**Site 5:**

a. Conditional Use Permit No. 26, Map 99 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. Conditional Use Permit No. 27, Map 99 to allow for the construction and operation of a microwave tower within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.F of the Kern County Zoning Ordinance.

c. Conditional Use Permit No. 61, Map 100 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

d. General Plan Amendment No. 10, Map 99 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in sections 2, 11, 12, 13, 14, of Township 29 South and Range 24 East, MDB&M; and,

e. General Plan Amendment No. 31, Map 100 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in section 7 of Township 29 South and Range 25 East, MDB&M; and,

f. Cancellation of approximately 2,694 acres of active Williamson Act Land Use Contracts.

**Site 6:**

a. Conditional Use Permit No. 17, Map 78 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. General Plan Amendment No. 10, Map 78 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in sections 23, 25, 26, 27, 34, 35 of Township 28 South and Range 24 East, MDB&M; and,

c. Cancellation of approximately 1,646 acres of active Williamson Act Land Use Contracts.

**Site 7:**

a. General Plan Amendment No. 11, Map 78 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in section 19 of Township 28 South and Range 24 East, MDB&M; and,

b. Conditional Use Permit No. 18, Map 78 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

c. Cancellation of approximately 480 acres of active Williamson Act Land Use Contracts.

**Site 8:**

a. Conditional Use Permit No. 12, Map 54 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. Conditional Use Permit No. 17, Map 77 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

c. Conditional Use Permit No. 18, Map 77 to allow for the construction and operation of a microwave tower within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.F of the Kern County Zoning Ordinance.

d. General Plan Amendment No. 1, Map 54 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in section 33 and 34 of Township 27 South and Range 23 East, MDB&M; and,

e. General Plan Amendment No. 13, Map 77 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in sections 1, 3, 4, 5, and 11 of Township 28 South and Range 23 East, MDB&M; and,

f. Cancellation of approximately 2,921 acres of active Williamson Act Land Use Contracts.

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with and "**X**".
If you have already sent your document to the agency please denote that with an "**S**".

| | | | |
|---|---|---|---|
| S | Air Resources Board | | Office of Emergency Services |
| | Boating & Waterways, Department of | | Office of Historic Preservation |
| S | California Highway Patrol | | Office of Public School Construction |
| | CalFire | | Parks & Recreation |
| S | Caltrans District # 6 | | Pesticide Regulation, Department of |
| | Caltrans Division of Aeronautics | S | Public Utilities Commission |
| | Caltrans Planning (Headquarters) | S | Regional WQCB # Central Valley |
| | Central Valley Flood Protection Board | | Resources Agency |
| | Coachella Valley Mountains Conservancy | | S.F. Bay Conservation & Development Commission |
| | Coastal Commission | | San Gabriel & Lower L.A. Rivers and Mtns Conservancy |
| | Colorado River Board | | San Joaquin River Conservancy |
| S | Conservation, Department of | | Santa Monica Mountains Conservancy |
| | Corrections, Department of | S | State Lands Commission |
| | Delta Protection Commission | | SWRCB: Clean Water Grants |
| | Education, Department of | | SWRCB: Water Quality |
| X | Energy Commission | | SWRCB: Water Rights |
| S | Fish & Game Region # Fresno | | Tahoe Regional Planning Agency |
| | Food & Agriculture, Department of | | Toxic Substances Control, Department of |
| | General Services, Department of | S | Water Resources, Department of |
| | Health Services, Department of | | |
| | Housing & Community Development | | Other _____ |
| X | Integrated Waste Management Board | | Other _____ |
| X | Native American Heritage Commission | | |

**Local Public Review Period (to be filled in by lead agency)**

Starting Date April 18, 2024 Ending Date May 20, 2024

**Lead Agency (Complete if applicable):**

Consulting Firm: _____
Address: _____
City/State/Zip: _____
Contact: _____
Phone: _____

Applicant: _____
Address: _____
City/State/Zip: _____
Phone _____

**Signature of Lead Agency Representative:** /s/ **Date:** 4/18/2024

Jamal Ferguson, Planner I

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

*This page left blank intentionally*

# NOTICE OF PREPARATION

## Buttonbush Solar Project
## by 29SC 8me LLC

**Site 1**
CUP No. 17, Map 98; CUP No. 25, Map 99; Map No. 99; SPA No. 5, Map 98; GPA 4, Map 98; SPA No. 9, Map 99 GPA No. 8, Map 99; CUP No. 19, Map 98

**Site 2**
CUP No. 14, Map 77; CUP No. 18, Map 98; GPA No. 10, Map 77;

**Site 3**
CUP No. 15, Map 77; GPA No. 11, Map 77;

**Site 4**
CUP No. 16, Map 77; GPA No. 12, Map 77;

**Site 5**
CUP No. 26, Map 99; CUP No. 61, Map 100; GPA No. 10, Map 99; GPA No. 31, Map 100; CUP No. 27, Map 99

**Site 6**
CUP No. 17, Map 78; GPA No. 10, Map 78;

**Site 7**
CUP No. 18, Map 78; GPA No. 11, Map 78

**Site 8**
CUP No. 12, Map 54; CUP No. 17, Map 77; GPA No. 1, Map 54; GPA No. 13, Map 77; CUP No. 18, Map 77

PP24407

## LEAD AGENCY:

Kern County Planning and Natural Resources Department
2700 M Street, Suite 100
Bakersfield, CA 93301-2370

Contact: Jamal Ferguson, Planner I
(661) 862-5017
Fergusonj@kerncounty.com

**April 2024**

*This page left blank intentionally*

# TABLE OF CONTENTS

**Introduction** ..... **2**
**1. Project Description** ..... **2**
1.1. Project Location ..... 2
1.2. Environmental Setting ..... 6
Surrounding Land Uses ..... 8
1.3. Project Description ..... 11
Project Overview ..... 11
1.4. Project Facilities, Construction, and Operations ..... 15
Project Facilities ..... 15
Construction Activities ..... 20
Project Operation and Maintenance Activities ..... 21
Decommissioning Activities ..... 22
Project Features and Best Management Practices ..... 22
1.5. Applicant Provided Project Objectives ..... 23
1.6. Proposed Discretionary Actions/Required Approvals ..... 24
**2. Kern County Environmental Checklist Form** ..... **61**
3.1. Environmental Factors Potentially Affected ..... 61
3.2. Determination ..... 62

## List of Tables

Table 1. Project Assessor Parcel Numbers, Zone Map, Existing Map Code Designations, Existing Zoning, Williamson Act Status, and Acreage ..... 333
Table 2. Project Site and Surrounding Properties Land Use, General Plan Map Code Designations, and Zoning ..... 999

## List of Figures

1 Regional Vicinity……27
2.a-e Aerial Photograph……28
3.a-e Parcel Map……..33
4.a-e Existing General Plan Designations……38
5.a-e Existing Zoning…….....43
6. Proposed Circulation Element Amendments……..48
7.a-e Site Plans……53
8 Williamson Act Contracted Lands……..58
9 ALUCP……59

***This page left blank intentionally***

*This page left blank intentionally*

# Introduction

Pursuant to the California Environmental Quality Act (CEQA), the Kern County Planning and Natural Resources Department will initiate the preparation of an Environmental Impact Report (EIR) for the Buttonbush Solar and Storage Project in the unincorporated area of Kern County (County), directly north of the community of Buttonwillow, California.

# 1. Project Description

## 1.1. Project Location

The Buttonbush Solar and Storage Project (proposed project) is a proposal by 29SC 8me LLC (project proponent) construction and operation of a photovoltaic (PV) solar facility and associated infrastructure necessary to generate up to 2 gigawatts (GW) of alternating current (AC) power with an up to 2 GW energy storage system. The project as proposed would be located on 132 parcels across approximately 12,785 acres of privately owned land currently under agricultural use in the valley region of Kern County as shown on ***Figure 1, Vicinity***.

The project boundaries, as well as aerial views of the project location, are shown on ***Figures 2a through 2e, Aerial Figures***, which shows that the project site straddles Interstate 5 (I-5), is east of Buttonwillow Raceway Park, just north of Highway 58, and south of Highway 46. Several single-family homes and agriculture-related structures are near the project boundary. Several properties within the project boundary contain agriculture structures and single-family homes. One single-family home on APN 087-040-04 would be removed during project construction. Vehicular access to the site would likely be from Wasco Way, Merced Avenue, Lerdo Highway, Rowlee Road, Wildwood Road, Riverside Street, Burbank Street, Buttonwillow Drive, 7th Standard Road, Snow Road, Blue Star Memorial Highway, and Sullivan Road. Many dirt roads cross the project site.

According to the U.S. Geological Survey (USGS), the project site is within the Wasco SW, Semitropic, Rio Bravo, Buttonwillow, and Lokern USGS 1:24,000 topographic map (7.5-minute quadrangle). More specifically, the project is located as follows: Township 27 S, Range 23 E, all or portions of Sections 28 (portion) and 33 (all), and Township 28S, Range 23E, all or portions of Sections 3, 4, 5 (all) and 1, 2, 11, 12, 27, 28, 29, 33, and 34 (portions) and Township 28S, Range 24E, all or portions of Sections, 19, 20, 23, 25, 26, 27, 34, and 35 (portions) and all of 34 and Township 29S, Range 23E, all or portions of Sections 1, 3, 11, 13, 24 (portions) and 12 (all), and Township 29S, Range 24E, all or portions of Sections 12 (all) and 1, 2, 6, 7, 8, 11, 13, 14, 17, 18, 19, and 20 (portions), and Township 29S, Range 25E, portions of Section 7. The project site is within unincorporated Kern County directly north of the community of Buttonwillow, approximately two miles west of the City of Shafter, and approximately seven miles southwest of the City of Wasco.

As shown on ***Figures 3a through 3e, Assessor's Parcelization Map***, the project site consists of 132 parcels comprising approximately 12,785 acres. The parcels are listed in ***Table 1***, Project Assessor Parcel Numbers, Zone Map, Existing Map Code Designations, Existing Zoning, Williamson Act Status, and Acreage (see ***Figure 4a through 4e, Existing General Plan Designations***, and ***Figures 5a through 5e, Existing Zoning***).

**TABLE 1. PROJECT ASSESSOR PARCEL NUMBERS, ZONE MAP, EXISTING MAP CODE DESIGNATIONS, EXISTING ZONING, WILLIAMSON ACT STATUS, AND ACREAGE**

| APN | Zone Map | Existing Map Code Designation | Existing Zoning | Williamson Act Status | Parcel Acreage |
|---|---|---|---|---|---|
| 069-340-28 | 54 | 8.1/2.3 | A | Active | 120 |
| 069-350-07 | 54 | 8.1/2.3 | A | N/A | 160 |
| 069-350-09 | 54 | 8.1/2.3 | A | Active | 560* |
| 087-010-11 | 77 | 8.1/(8.1/2.3) | A | Active | 78.18 |
| 087-010-18 | 77 | 8.1 | A | Active | 60.39 |
| 087-010-20 | 77 | 8.1 | A | Active | 80.01 |
| 087-010-22 | 77 | 8.1 | A | Active | 66.29 |
| 087-020-01 | 77 | 8.1 | A | Active | 80 |
| 087-040-01 | 77 | 8.1/2.3 | A | Active | 589.88* |
| 087-040-04 | 77 | 8.1/2.3 | A | N/A | 3.28 |
| 087-040-07 | 77 | 8.1/(8.1/2.3) | A | Active | 588.01 |
| 087-050-18 | 77 | (8.1/2.3)/8.4 | A | Active | 118.35 |
| 087-050-28 | 77 | 8.1/2.3 | A | Active | 11.46 |
| 087-050-29 | 77 | 8.1/(8.1/2.3) | A | Active | 391.74* |
| 087-050-38 | 77 | 8.1/(8.1/2.3) | A | Active | 37.41 |
| 087-060-01 | 77 | 8.5 | A | Active | 39.09 |
| 087-060-05 | 77 | 8.1 | A | Active | 20 |
| 087-060-06 | 77 | 8.1 | A | Active | 5 |
| 087-060-07 | 77 | 8.1 | A | Active | 5 |
| 087-060-08 | 77 | 8.1 | A | Active | 10 |
| 087-060-09 | 77 | 8.1 | A | N/A | 10 |
| 087-060-11 | 77 | 8.1 | A | Active | 40 |
| 087-060-12 | 77 | 8.1 | A | Active | 19.55 |
| 087-060-13 | 77 | 8.1 | A | Active | 19.55 |
| 087-060-14 | 77 | 8.1/8.5 | A | Active | 235.45 |
| 087-060-15 | 77 | 8.5 | A | Active | 99.09 |
| 087-060-39 | 77 | 8.1 | A | Active | 136.46 |
| 087-160-01 | 77 | 8.1 | A | Active | 160 |
| 087-160-19 | 77 | 8.1 | A | Active | 80 |
| 087-160-52 | 77 | 8.1 | A | Active | 208.68 |
| 087-160-53 | 77 | 8.1 | A | Active | 395.44 |
| 087-170-04 | 77 | 8.1 | A | Active | 159.68* |
| 087-170-12 | 77 | 8.1 | A | Active | 120.49 |
| 087-170-13 | 77 | 8.1 | A | Active | 40.13* |
| 087-200-02 | 77 | 8.1 | A | Active | 160 |
| 087-200-03 | 77 | 8.1 | A | N/A | 79.83 |

| APN | Zone Map | Existing Map Code Designation | Existing Zoning | Williamson Act Status | Parcel Acreage |
|---|---|---|---|---|---|
| 087-200-05 | 77 | 8.1 | A | Active | 40.62 |
| 087-200-16 | 77 | 8.1 | A | Active | 10 |
| 087-200-28 | 77 | 8.1 | A | Active | 5 |
| 087-200-29 | 77 | 8.1 | A | Active | 9.55 |
| 087-200-30 | 77 | 8.1 | A | N/A | 10 |
| 087-200-31 | 77 | 8.1 | A | Active | 10 |
| 087-200-35 | 77 | 8.1 | A | Active | 195.27 |
| 087-200-37 | 77 | 8.1 | A | N/A | 46.79 |
| 087-200-39 | 77 | 8.1 | A | Active | 39.86 |
| 087-200-54 | 77 | 8.1 | A | Active | 44.09 |
| 087-210-10 | 77 | 8.1 | A | Active | 35.99* |
| 088-150-01 | 78 | 8.1 | A | Active | 625.44* |
| 088-170-09 | 78 | 8.1/(8.1/2.3) | A | Active | 160.13 |
| 088-170-14 | 78 | (8.1/2.3)/8.3 | A | Active | 279.74 |
| 088-170-20 | 78 | 8.1/2.3 | A | Active | 48.21* |
| 088-180-02 | 78 | 8.1 | A | Active | 317.27 |
| 088-180-04 | 78 | 8.1 | A | N/A | 57.7 |
| 088-180-06 | 78 | 8.3 | A | N/A | 70 |
| 088-180-07 | 78 | 8.3 | A | N/A | 9.93 |
| 088-180-10 | 78 | 8.1 | A | Active | 119 |
| 088-180-11 | 78 | 8.1 | A | Active | 39.09 |
| 088-180-12 | 78 | 8.1 | A | Active | 117.27 |
| 088-180-34 | 78 | 8.1 | A | Active | 60.85 |
| 088-190-20 | 78 | 8.1 | A | Active | 318.18 |
| 088-210-01 | 78 | 8.1 | A | Active | 318.18 |
| 088-220-15 | 78 | 8.1 | A | N/A | 50 |
| 088-220-16 | 78 | 8.3 | A | N/A | 158.18 |
| 088-220-17 | 78 | 8.1 | A | N/A | 235.45 |
| 088-220-19 | 78 | 8.1 | A | N/A | 40 |
| 088-220-20 | 78 | 8.1 | A | N/A | 35 |
| 088-220-21 | 78 | 8.1 | A | N/A | 20 |
| 088-220-22 | 78 | 8.1 | A | N/A | 40 |
| 088-220-23 | 78 | 8.1 | A | N/A | 5.06 |
| 088-220-24 | 78 | 8.1 | A | N/A | 5 |
| 088-220-25 | 78 | 8.1 | A | N/A | 5 |
| 088-220-31 | 78 | 8.1 | A | N/A | 19.65 |
| 088-220-32 | 78 | 8.1 | A | N/A | 16.62 |
| 100-010-13 | 98 | 8.1/8.4 | A | Active | 267.27* |

| APN | Zone Map | Existing Map Code Designation | Existing Zoning | Williamson Act Status | Parcel Acreage |
|---|---|---|---|---|---|
| 100-010-14 | 98 | 8.1 | A | Active | 49.09 |
| 100-010-22 | 98 | 8.1 | A | Active | 204.5* |
| 100-020-19 | 98 | 8.5 | A | Active | 219.87* |
| 100-030-08 | 98 | 8.1 | A | N/A | 3.58 |
| 100-100-03 | 98 | 8.1/8.4 | A | Active | 158.18 |
| 100-100-04 | 98 | 4.1 | A | N/A | 2.5 |
| 100-100-05 | 98 | 4.1 | A | Active | 37.5 |
| 100-100-06 | 98 | 4.1 | A | Active | 39.09 |
| 100-100-07 | 98 | 4.1 | A | Active | 39.09 |
| 100-100-08 | 98 | 4.1 | A | Active | 20 |
| 100-100-09 | 98 | 4.1 | A | Active | 20 |
| 100-100-10 | 98 | 4.1 | A | Active | 158.18 |
| 100-100-19 | 98 | 8.1 | A | Active | 77.88 |
| 100-100-26 | 98 | 8.1 | A | Active | 151.66* |
| 100-100-27 | 98 | 4.1 | A | Active | 76.06 |
| 100-100-29 | 98 | 4.1 | A | Active | 109.38* |
| 100-100-31 | 98 | 8.1 | A | Active | 78.18 |
| 100-100-32 | 98 | 8.1 | A | Active | 80 |
| 103-010-18 | 99 | 8.1 | A | Active | 31.13 |
| 103-010-19 | 99 | 8.1 | A | Active | 32.05 |
| 103-010-20 | 99 | 8.1 | A | Active | 31.13 |
| 103-010-21 | 99 | 8.1 | A | Active | 16.06 |
| 103-010-25 | 99 | 8.1 | A | Active | 104.18 |
| 103-010-28 | 99 | 8.1 | A | Active | 153.34 |
| 103-010-30 | 99 | 8.1 | A | Active | 16.06 |
| 103-010-31 | 99 | 8.1 | A | Active | 32.05 |
| 103-010-32 | 99 | 8.1 | A | Active | 94.32 |
| 103-010-39 | 99 | 8.1 | A | Active | 26.4* |
| 103-010-40 | 99 | 8.1 | A | Active | 52.69* |
| 103-010-43 | 99 | 8.1 | A | Active | 160* |
| 103-030-45 | 99 | 8.1 | A | Active | 55.35 |
| 103-030-46 | 99 | 8.1/8.4 | A | Active | 87.05 |
| 103-040-02 | 99 | 8.1 | A | Active | 155.59 |
| 103-040-08 | 99 | 8.1/8.4 | A | N/A | 98.87* |
| 103-040-14 | 99 | 8.1/8.4 | A | Active | 158.59 |
| 103-040-24 | 99 | 8.1/8.4 | A | Active | 158.18 |
| 103-060-04 | 99 | 8.1 | A | Active | 318.18* |
| 103-060-05 | 99 | 8.1 | A | Active | 318.18 |

| APN | Zone Map | Existing Map Code Designation | Existing Zoning | Williamson Act Status | Parcel Acreage |
|---|---|---|---|---|---|
| 103-060-08 | 99 | 8.1 | A | Active | 98.87* |
| 103-060-09 | 99 | 8.1 | A | Active | 2 |
| 103-060-10 | 99 | 8.1 | A | Active | 240 |
| 103-060-11 | 99 | 8.1 | A | Active | 160 |
| 103-060-12 | 99 | 8.1 | A | Active | 160 |
| 103-070-07 | 99 | 8.1 | A | Active | 160 |
| 103-070-08 | 99 | 8.1 | A | Active | 160 |
| 103-070-13 | 99 | 8.1 | A | Active | 39.7 |
| 103-070-14 | 99 | 8.1 | A | Active | 40.22 |
| 103-070-15 | 99 | 8.1 | A | Active | 39.72 |
| 103-070-16 | 99 | 8.1 | A | Active | 40.24 |
| 103-070-17 | 99 | 8.1 | A | Active | 39.74 |
| 103-070-18 | 99 | 8.1 | A | Active | 40.25 |
| 103-070-19 | 99 | 8.1 | A | Active | 80.03 |
| 103-100-01 | 99 | 8.1/8.4 | A | Active | 119.09 |
| 103-100-02 | 99 | 8.1/8.4 | A | Active | 39.09 |
| 103-100-23 | 99 | 8.1 | A | N/A | 150.29* |
| 103-120-30 | 99 | 8.5 | A | N/A | 102.98 |
| 104-050-01 | 100 | 8.1 | A | Active | 217.35 |
| 104-050-08 | 100 | 8.1 | A | Active | 157.85 |

*Only a portion of the parcel would be developed as part of the proposed project.

Map Code Designations: 2.3 - Shallow Groundwater; 4.1 - Accepted Community Plan Areas (Buttonwillow Community Development Plan); 8.1, Intensive Agriculture (Min. 20-Acre Parcel Size); 8.3 - Extensive Agriculture (Min. 5-Acre Parcel Size); 8.4 - Mineral and Petroleum (Min. 5-Acre Parcel Size); 8.5 - Resource Management (Min. 20- or 80- Acre Parcel Size)

Zoning Classification: A (Exclusive Agriculture)

## 1.2. Environmental Setting

The project site is located in the southern portion of San Joaquin Valley in the valley region of Kern County, specifically in proximity to Interstate 5, Highway 58, and Highway 46. The project site is located primarily on flat terrain, currently either used for agricultural operations and/or vacant undisturbed land designated for agricultural use.

The Kern County Sheriff's Office would provide law enforcement and public safety services to the project site, as the Kern County Sheriff's Office serves unincorporated areas of Kern County. The Kern County Sheriff's Office Buttonwillow Substation, located at 181 E 1st Street, Buttonwillow, California 93206, is the closest police station to the project site, located approximately one (1) mile west of the project site. The Kern County Fire Department provides fire protection and emergency medical services to unincorporated areas of Kern County and thus would provide fire protection services to the project site. Kern County Fire

Station 25 is the fire station located closest to the project site, approximately one (1) mile west of the project site at 100 Mirasol Ave. Buttonwillow, California 93206.

The nearest public airports are the Elk Hills – Buttonwillow Airport, located at Buttonwillow, California, approximately 5.3 miles south of the project site, and the Shafter-Minter Field Airport located at 201 Aviation St. Shafter, California 93263. Approximately 13 miles northeast of the project site. The project site is not located within any safety or noise contour zones for these airports or within any designated airport land use plan areas (see ***Figure 9, Airport Land Use Compatibility Map***).

There are multiple sensitive receptors (single-family residences) located in the immediate vicinity of the project. The first receptor is a residential home on APN 087-040-04, located immediately within the Project, west of Rowlee Road and south of Merced Avenue. This residential home would be removed as part of the proposed project. The second receptor is a residential home and outbuildings on APN 087-040-06, west of Rowlee Road and north of Lerdo Hwy. A third residential home and outbuildings are located on APN 103-010-42 and 103-010-43, east of Brandt Road and south of Seventh Standard Road. A residential home and agriculture-related outbuildings are on APN 103-060-04, just east of Brandt Road and north of Sullivan Road. The owners of the abovementioned residential homes are all participating in the project.

A majority of the project site is located within the Kern County General Plan area with a small portion located within the boundaries of the Buttonwillow Community Development Specific Plan. As shown in **Figures 4a through 4e, *Existing General Plan Land Use Designations,*** the project site is designated by the General Plan as 4.1 (Accepted Community Plan Areas), 8.1 (Intensive Agriculture, Min. 20-Acre Parcel Size), 8.1/2.3 (8.1 (Intensive Agriculture, Min. 20-Acre Parcel Size/Shallow Groundwater), 8.3 (Extensive Agriculture, min. 20-acre parcel size), 8.4 (Mineral and Petroleum, Min. 5-Acre Parcel Size) and 8.5 (Resource Management, Min. 20- or 80-Acre Parcel Size). The project site is zoned A (Exclusive Agriculture) which is consistent with the existing General Plan Designations of the project site per the Kern County General Plan Designations and Zone District Consistency Matrix of the Kern County General Plan Land Use Element (**Figure 5a through 5e, *Existing Zoning***).

The project site is zoned A (Exclusive Agriculture) which is consistent with the General Plan Designation of 4.1 (Accepted County Plans) per the Kern County General Plan Designations and Zone District Consistency Matrix of the Kern County General Plan Land Use Element.

The Federal Emergency Management Agency (FEMA) delineates flood hazard areas on its Flood Insurance Rate Maps. According to the Flood Insurance Rate Maps for the project site, the site is located within Zone X. Zone X designates areas of minimal flood hazard which are determined to be outside of the 0.2% floodplain.

The project site is within Kern County Agriculture Preserves No. 6, No. 8, and No. 9. Approximately 11,492 acres of the approximately 12,785 total project acres (116 of the 132 parcels within the project site boundaries) are subject to active Williamson Act Land Use contracts (see ***Figure 8, Williamson Act Cancellation***).

The project site is located on lands designated by the Farm Mapping and Monitoring Program as Prime Farmland, Farmland of Statewide Importance, Unique Farmlands, Grazing Land, Nonagricultural or Natural Vegetation, and Vacant or Disturbed Land. According to the DOC, Prime Farmland is defined as land that has the best combination of physical and chemical characteristics for the production of crops. Farmland of Statewide Importance is defined as land other than Prime Farmland that has a good combination of physical and chemical characteristics for the production of crops. Unique Farmland is

defined as land which does not meet the criteria for Prime Farmland or Farmland of Statewide Importance yet has been used for the production of specific high economic value crops at some time during the two update cycles prior to the mapping date (DOC 2020).

The project site is not located within a designated Mineral Resource Zone. There are several oil and gas wells located within the project site as well as mineral rights holders that currently have active rights to mineral resources on several of the project parcels. Development of the project would include a 10-foot no-build setback around the oil and gas wells and provide 2.5-acre drilling areas to provide mineral access to mineral rights holders within the project site.

## Surrounding Land Uses

Existing land uses surrounding the project site consist largely of agriculturally zoned parcels which are sparsely occupied by farm or rural residential uses. The primary zoning classification in the 5-mile radius surrounding the project site is Zone A (Exclusive Agriculture). Rural residential buildings are located in the unincorporated community of Buttonwillow, within the project site. The nearest school is Buttonwillow Elementary School, located approximately one mile southwest at 42600 Highway 58 Buttonwillow, California 93206.

Table 2, *Project Site and Surrounding Property's Land Use, General Plan Map Code Designations, and Zoning*, details the surrounding land uses, including the General Plan designations and existing zoning.

**TABLE 2. PROJECT SITE AND SURROUNDING PROPERTIES LAND USE, GENERAL PLAN MAP CODE DESIGNATIONS, AND ZONING**

| Location | Existing Land Use | Existing General Plan Map Code Designations | Existing Zoning |
|---|---|---|---|
| **Project Site** | Active Agriculture Activities, Vacant Open Space, Rural Residences, Canals, and Irrigation Ponds | *Kern County General Plan:*<br>2.3 (Shallow Groundwater)<br>4.1 (Accepted Community Plan Area)<br>8.1 (Intensive Agriculture, Min. 20-Acre Parcel Size)<br>8.3 (Extensive Agriculture, Min. 20-Acre Parcel Size)<br>8.4 (Mineral and Petroleum, Min. 5-Acre Parcel Size)<br>8.5 (Resource Management, Min. 20- or 80-Acre Parcel Size)<br><br>*Buttonwillow Community Development Plan:*<br>Agriculture | A (Exclusive Agriculture) |
| **North** | Active Agriculture Activities, Vacant Open Space, Rural Residences, County Landfill, Highway 46 | *Kern County General Plan*<br>8.1 (Intensive Agriculture, min. acre parcel size)<br>8.1/2.3 (Intensive Agriculture, Min. 20-Acre Parcel Size)<br>8.3 (Extensive Agriculture, Min. 20-Acre Parcel Size)<br>8.5 (Resource Management, Min. 20- or 80-Acre Parcel Size) | A (Exclusive Agriculture) |
| **East** | Active Agriculture Activities, Dairies, Oil and Gas Production, City of Shafter, Rural Residences, Highway 43 | *Kern County General Plan*<br>8.1 (Intensive Agriculture, Min. 20-Acre Parcel Size),<br>8.1/2.3 (Intensive Agriculture, Min. 20-Acre Parcel Size/Shallow Groundwater),<br>8.3 (Extensive Agriculture, Min. 20-Acre Parcel Size),<br>8.5 (Resource Management, Min. 20- or 80-Acre Parcel) | A (Exclusive Agriculture),<br>A-1 (Limited Agriculture),<br>C-2 PD (General Commercial, Precise Development),<br>M-2 PD (Medium Industrial, Precise Development) |

| Location | Existing Land Use | Existing General Plan Map Code Designations | Existing Zoning |
|---|---|---|---|
| **South** | Active Agriculture Activities, Community of Buttonwillow, Community of Rio Bravo, Rural Residences, Industrial Activities, Closed Landfill, State Route 58 | *Kern County General Plan*<br>4.1 (Buttonwillow Community Development Plan),<br>8.1 (Intensive Agriculture, Min. 20-Acre Parcel Size),<br>8.5 (Resource Management, Min. 20- or 80-Acre Parcel Size)<br><br>*Buttonwillow Community Development Plan*:<br>Park<br>Public Utility<br>Residential<br>Agricultural<br>Light Industrial<br>Sanitary Landfill | A (Exclusive Agriculture),<br>A-1 (Limited Agriculture)<br>R-1 (Low-Density residential)<br>R-2 (Medium-Density Residential)<br>C-2 (General Commercial)<br>M-1 (Light Industrial)<br>M-2 (Medium Industrial)<br>E (Estate) |
| **West** | Active Agriculture land, Undisturbed Vacant Open Space, Raceway, Industrial Activities, Rural Residences, Interstate 5 | *Kern County General Plan*<br>6.3 (Highway Commercial)<br>7.2 (Service Industrial)<br>8.1 (Intensive Agriculture Min 20-Acre Parcel Size)<br>8.3 (Intensive Agriculture Min. 5-Acre Parcel Size)<br>8.4 (Mineral and Petroleum)<br>8.5 (Resource Management, Min. 20- or 80-Acre Parcel Size) | A (Exclusive Agriculture), A-1 (Limited Agriculture) |

# 1.3. Project Description

## Project Overview

The project would be supported by a 500-kV gen-tie overhead and/or underground electrical transmission line(s) originating from one or more on-site substations and terminating at the Pacific Gas & Electric (PG&E) Midway Substation. PG&E will enlarge the Midway Substation's 500 kV yard, within PG&E's Midway Substation property boundary, to accommodate the proposed Project's interconnection. The proposed project may also interconnect to the PG&E Ganso Substation via overhead and/or underground gen-tie lines. The Project's permanent facilities would include solar panels, solar racking, inverters, service roads, a power collection system (115kV – 34.5kV), communication cables, overhead and underground transmission lines, electrical switchyards, project substations, energy storage system(s), and operations and maintenance (O&M) facilities.

Additionally, portions of the project may be used to power equipment in the existing oil fields approximately 15 miles west of the project site. The transfer of power would be supported by an overhead gen-tie and/or underground electrical transmission line(s) originating from one or more on-site substations, routing west along Lerdo highway, and terminating southeast of the Lerdo Highway and Lost Hills Road intersection.

The project proponent proposes to develop a photovoltaic (PV) solar facility and associated infrastructure necessary to generate up to 2 GW of AC power with an up to 2 GW energy storage system on approximately 12,785 acres of privately-owned land within Kern County. The project would be supported by a 500-kV, overhead gen-tie and/or underground electrical transmission line(s) originating from one or more on-site substations and terminating at the Pacific Gas & Electric (PG&E) Midway Substation. PG&E will enlarge the Midway Substation's 500 kV yard, within PG&E's Midway Substation property boundary, to accommodate the proposed Project's interconnection. The proposed project may also interconnect to the PG&E Ganso Substation via overhead and/or underground gen-tie lines. The project's permanent facilities would include solar panels, solar racking, inverters, service roads, a power collection system, communication cables, overhead and underground transmission lines, electrical switchyards, project substations, energy storage system(s), and operations and maintenance (O&M) facilities.

Additionally, portions of the project may be used to power equipment in the existing oil fields approximately 15 miles west of the project site. The transfer of power would be supported by an up to 500-kV overhead gen-tie and/or underground electrical transmission line(s) originating from one or more on-site substations, routing west along Lerdo highway, and terminating southeast of the Lerdo Highway and Lost Hills Road intersection (see ***Figure 12, Site Plan***).

The proposed project consists of the following requests:

**Site 1**:

a. Conditional Use Permit No. 17, Map 98 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. Conditional Use Permit No. 19, Map 98 to allow for the construction and operation of a microwave tower within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.F of the Kern County Zoning Ordinance.

c. Conditional Use Permit No. 25, Map 99 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

d. General Plan Amendment No. 4, Map 98 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries of Sections 1, 11, 12 of Township 29 South, Range 23 East, MDB&M; and General Plan Amendment No. 8, Map No. 99 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries of Sections 6 and 7 of Township 29 South and Range 24 East, MDB&M; and

e. Specific Plan Amendments No. 5, Map 98 to the Circulation Element of the Buttonwillow Community Development Specific Plan to remove future road reservations on the section and mid-section lines within the project boundaries 11 and 12 of Township 29 South, Range 23 East, MDB&M; and

f. Specific Plan Amendments No. 9, Map 99 to the Circulation Element of the Buttonwillow Community Development Specific Plan to remove future road reservations on the section and mid-section lines within the project boundaries of Sections 7 of Township 29 South and Range 24 East, MDB&M; and

g. Cancellation of approximately 2,069 acres of active Williamson Act Land Use Contracts.

**Site 2**:

a. Conditional Use Permit No. 14, Map 77 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. Conditional Use Permit No. 18, Map 98 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

c. General Plan Amendment No. 10, Map 77 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries of Sections 33 of Township 28 South and Range 23 East, MDB&M; and,

d. Cancellation of approximately 413 acres of active Williamson Act Land Use Contracts.

**Site 3:**

a. Conditional Use Permit No. 15, Map 77 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. General Plan Amendment No. 11, Map 77 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in Sections 28, 29, and 33 of Township 28 South and Range 23 East,

MDB&M. Cancellation of approximately 658 acres of active Williamson Act Land Use Contracts.

**Site 4:**

a. Conditional Use Permit No. 16, Map 77 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance; and,

b. General Plan Amendment No. 12, Map 77 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in section 27 of Township 28 South and Range 23 East, MDB&M; and,

c. Cancellation of approximately 611acres of active Williamson Act Land Use Contracts.

**Site 5:**

a. Conditional Use Permit No. 26, Map 99 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. Conditional Use Permit No. 27, Map 99 to allow for the construction and operation of a microwave tower within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.F of the Kern County Zoning Ordinance.

c. Conditional Use Permit No. 61, Map 100 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

d. General Plan Amendment No. 10, Map 99 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in sections 2, 11, 12, 13, 14, of Township 29 South and Range 24 East, MDB&M; and,

e. General Plan Amendment No. 31, Map 100 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in section 7 of Township 29 South and Range 25 East, MDB&M; and,

f. Cancellation of approximately 2,694 acres of active Williamson Act Land Use Contracts.

**Site 6:**

a. Conditional Use Permit No. 17, Map 78 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. General Plan Amendment No. 10, Map 78 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within

the project boundaries in sections 23, 25, 26, 27, 34, 35 of Township 28 South and Range 24 East, MDB&M; and,

c. Cancellation of approximately 1,646 acres of active Williamson Act Land Use Contracts.

**Site 7:**

a. General Plan Amendment No. 11, Map 78 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in section 19 of Township 28 South and Range 24 East, MDB&M; and,

b. Conditional Use Permit No. 18, Map 78 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

c. Cancellation of approximately 480 acres of active Williamson Act Land Use Contracts.

**Site 8:**

a. Conditional Use Permit No. 12, Map 54 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

b. Conditional Use Permit No. 17, Map 77 to allow for the construction and operation of a commercial-scale solar facility within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

c. Conditional Use Permit No. 18, Map 77 to allow for the construction and operation of a microwave tower within the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.F of the Kern County Zoning Ordinance.

d. General Plan Amendment No. 1, Map 54 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in section 33 and 34 of Township 27 South and Range 23 East, MDB&M; and,

e. General Plan Amendment No. 13, Map 77 to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries in sections 1, 3, 4, 5, and 11 of Township 28 South and Range 23 East, MDB&M; and,

f. Cancellation of approximately 2,921 acres of active Williamson Act Land Use Contracts.

Power generated by the project would assist the State in achieving the Renewables Portfolio Standard under Senate Bill (SB) 350, which requires 50 percent of all electricity sold in the State to be generated from renewable energy sources by December 31, 2030. Power generated by the project would be sold to California investor-owned utilities, municipalities, community choice aggregations, or other purchasers in furtherance of the California Renewable Energy Portfolio Standard.

The project is expected to operate for approximately 35 years, although a longer project life expectancy could be realized by replacing and repowering certain project components. At the end of the project's operational term, the project proponent would determine whether the project site should be decommissioned and deconstructed or if it would seek an extension of its CUP. If any portion of the project site is decommissioned, it would be converted to other uses in accordance with the applicable land use regulations in effect at that time.

# 1.4. Project Facilities, Construction, and Operations

## Project Facilities

### *PV Module Configuration*

The proposed project would use photovoltaic panels or modules (including but not limited to concentrated photovoltaic technology) on mounting frameworks to convert sunlight directly into electricity. Individual panels would be installed on either fixed-tilt or tracker mount systems (single- or dual-axis, using steel or aluminum). If the panels are configured for fixed tilt, the panels would be oriented toward the south. For tracking configurations, the panels would rotate to follow the sun over the course of the day. Although the panels could stand up to 20 feet high, depending on the mounting system used and on County building codes, panels are expected to remain between 6 and 8 feet high. The conceptual site plan exhibits showing the proposed project facilities, including solar block and solar panel layout, O&M building, project substation, and electrical infrastructure are shown on ***Figures 7a through 7e.***

The foundations for the mounting structures can extend up to 10 feet below ground, depending on the structure, soil conditions, and wind loads, and may be encased in concrete or utilize small concrete footings. A light-colored ground cover or palliative may be used throughout the solar arrays, to increase electricity production from the panels. The final solar panel layout and spacing would be optimized for project area characteristics and the desired energy production profile.

The solar array fields would be arranged in groups called "blocks" with inverter stations generally located centrally within the blocks. Blocks would produce direct electrical current (DC), which is converted to alternating electrical current (AC) at the inverter stations.

#### ***Site Access***

Construction and operation traffic would access the project site from Wasco Way, Merced Avenue, Lerdo Highway, Rowlee Road, Wildwood Road, Riverside Street, Burbank Street, Buttonwillow Drive, 7$^{th}$ Standard Road, Snow Road, Blue Star Memorial Highway, and Sullivan Road, depending on the portion of the project site to access. Driveways and parking lot entrances would be constructed in accordance with Kern County improvement standards. Any off-site roadway improvements would be constructed in conformance with Caltrans and/or County and/or City codes and regulations, as necessary and applicable.

#### ***Collection, Inverter, and Transformer Systems***

Photovoltaic energy is delivered via cable to inverter stations, generally located near the center of each block of solar panels, to convert the DC energy to AC energy which can be dispatched to the transmission system. Inverter stations are typically comprised of one or more inverter modules with a rated power of up to 10 MW each, a unit transformer, and voltage switch gear. The unit transformer and voltage switch gear are housed in steel enclosures, while the inverter module(s) are housed in cabinets. Depending on the vendor

selected, the inverter station may lie within an enclosed or canopied metal structure, typically on a skid or concrete pad.

Energy from the inverters would be transferred to the project substation(s) by overhead or underground collector lines ranging from 230kV to 34.5kV. Collector lines may be bundled together as they approach the substation(s), sharing common trenches or poles. Collector lines would connect to the substation bus bar before being stepped up to a higher voltage for transmission.

***Energy Storage System***

The proposed project may include one or more Energy Storage Systems (ESS), located at or near a substation/switchyard (on-site or shared) and/or at the inverter stations, but possibly elsewhere on-site. The collective ESS would be up to 2 GW in capacity and approximately 55 acres in total area, not to exceed 4% of the total project area. ESSs consist of modular and scalable battery packs and battery control systems that conform to U.S. national safety standards.

The ESS solutions include commercially available lithium-ion based or non-lithium ion-based storage technologies. The actual dimensions and number of energy storage modules and structures vary depending on the application, supplier, and configuration chosen, as well as an off-taker/power purchase agreement requirements and County building standards. These storage technologies typically consist of standard International Organization for Standardization containers (approximately 40 feet in length by 8 feet in width by 8 feet in height) housed in pad- or post-mounted, stackable metal structures, but may also be housed in a dedicated building(s) in compliance with applicable regulations.

The ESS solutions would be unmanned, remotely controlled containers and periodically inspected for maintenance purposes. The ESS solutions would be designed to conform with Kern County and national ESS fire standard NFPA 855, would have all required UL9540A reports, and would be certified to UL9540, if required.

***On-site Meteorological Station***

One or more solar meteorological stations would be on-site, the location of which would be determined in final project design. The meteorological station would include solar energy (irradiance) meters, in addition to an air temperature sensor and wind anemometer. It is anticipated that the maximum height of this equipment would be 20 feet.

***Substation***

Output from the inverter stations would be transferred via electrical conduits and electrical conductors to one or more on-site substation(s) or switchyard(s) (collectively referred to as a “substation” herein). Generally, the collectors would originate at each inverter and be “bundled” together as they approach the substation(s). Underground and/or overhead collector lines would cross Interstate 5 in several locations, depending on the final substation location(s). Each substation may contain several components, including auxiliary power transformers, distribution cabinets, revenue metering systems, microwave transmission towers, and voltage switch gear. Each substation would occupy an area of approximately 10 to 25 acres, secured separately by an additional chain-link fence, and typically located along the perimeter of the project. The final location(s) would be determined before issuance of building permits.

Substations typically include a small control building (roughly 500 square feet) standing approximately 10 feet tall. The building is either prefabricated concrete or steel housing with rooms for the voltage switch

gear and the metering equipment, a room for the station supply transformer, and a separate control technology room in which the main computer, the intrusion detection system, and the main distribution equipment are housed. Components of this building (e.g., control technology room and intrusion detection system) may alternatively be located at the O&M building(s).

## Microwave/Radio Tower

The proposed project may require redundant telecommunication connections. The primary telecommunication line may consist of fiber optic cable and/or copper telecommunication line installed above and/or below ground. One microwave/communication tower may be located with a substation in up to three location options, each location consisting of up to three 6-foot-high performance microwave dish(es) fixed to a steel monopole of up to 130 feet in height. An approximately 12-foot by 20-foot equipment shelter may also be included within a fenced area. The shelter would have a maximum height of 10 feet. The proposed project radio equipment may be within the equipment shelter and connected to the microwave dish(es) via coaxial or fiber optic cables. If the microwave tower were to be outside the selected substation footprint, fencing may consist of an up to 6-foot-high chain-link fence with up to three strands of barbed wire (up to 2 feet high), for a total maximum height of 8 feet.

A separate conditional use permit (CUP) would be required for the microwave tower and is included in the proposed project's entitlement request.

***Generation -Transmission Line***

From the proposed project's substation(s), power would be transmitted to the PG&E Midway Substation via up to 500 –kV, overhead and/or underground gen-tie line(s). The proposed project may also interconnect to the PG&E Ganso Substation via overhead and/or underground gen-tie lines. The preferred and alternative gen-tie alignments are shown on *Figure 2, Project Site Boundaries.* Gen-tie alternatives would be sized at up to 500kv and up to 15 miles in length. Gen-tie alternatives generally originate from defined project areas and route to the southern project parcel cluster then head immediately south to PG&E's Midway Substation. The collector lines are generally located within or adjacent to the project parcels and may connect several parcels to a project substation. Both collector lines and gen-tie alternatives would use a 200-foot corridor. Those collector lines from the project parcel cluster to the main project substation would likely be sized at a voltage ranging from 34.5kV to 500 kV, with 34.5kV and 230kV being likely voltages. Final heights and structure types are subject to change pending final engineering.

One alternative would include an overhead gen-tie and/or underground electrical transmission line(s) originating from one or more on-site substations, routing west along Lerdo Highway, and terminating southeast of the Lerdo Highway and Lost Hills Road intersection. This alternative would allow for a portion of the power generated by the project to power equipment in the existing oil fields approximately 15 miles west of the project site.

Overhead lines would likely be mounted on tubular steel poles no higher than 200 feet tall. Portions of the gen-tie line and collector lines may be undergrounded to avoid conflict with other existing infrastructure. Kern County may accept Irrevocable Offers of Dedication, or grant a franchise, license, and/or encroachment agreement for portions of the gen-tie and collector lines, while other portions would be sited within private easements.

Construction of the gen-tie line may require several limited single-lane closures and limited complete road closures to allow construction personnel to safely construct the gen-tie lines. Any portion of the project

parcels may be used as a temporary staging area before infrastructure is developed on that specific parcel. Additional staging areas would not be needed. Staging areas would be cleared, graveled, and fenced. Gates and road aprons would be constructed to facilitate ingress and egress of construction equipment and personnel. The project would likely be built in up to five distinct phases over the course of up to 60 months.

### *Midway Substation Upgrades*

As part of the proposed project, interconnection requests have been submitted to the California Independent System Operator Corporation (CAISO) for the project that would interconnect to PG&E's Midway Substation. PG&E's Midway Substation is bounded by agricultural fields to the north, south, and east and a recreation/sports field to the west; all in the unincorporated area of Buttonwillow in Kern County.

To accommodate the request, PG&E proposes to enlarge Midway Substation's 500-kV yard within the Midway Substation property boundaries. Specifically, PG&E proposes to remove the existing precast security wall at the northwest side of Midway Substation and replace it with a new 12-foot wall, approximately 510 feet north and 140 feet west of the existing walls of the 500 kV yard within Midway Substation. Grading of the expansion area would be required.

Within the newly graded area of Midway Substation, PG&E would install approximately one 550 kV, 3,000A, 63kA high-voltage circuit breaker. This would include installing equipment foundations and concrete trenches, equipment cabinets, BUS structures, communication lines, conduits, pull boxes, and concrete-encased conduit duct banks inside of the substation as required.

In addition to substation modifications, PG&E anticipates installing up to 2,000 feet of new 500 kV single-circuit transmission line, creating a new, direct tie from Midway Substation to the point-of-interconnection for the proposed project. The new transmission line would be supported by up to four approximately 175-foot-tall lattice steel towers (LST) or TSPs. The towers would be supported by concrete foundations. The foundations would be designed to support the designed loads based on local conditions.

Construction activities would be supported by up to four six-man crews working approximately 10-hour days, six days per week. Access would typically be from paved or previously disturbed roads; some minor overland travel may be required. Equipment typically includes helicopter, crane, drill rig, spool and tensioning rigs, backhoe, grader, concrete truck, typical rubber-wheeled construction vehicles, and miscellaneous hand tools. Additional land rights may need to be acquired to support the installation of the PG&E facilities.

### *Water Usage*

Water demand for panel washing and O&M domestic use is not expected to exceed 7 AF per year. Water is anticipated to be obtained from new or existing on-site wells. Alternatively, water may be obtained from one or more off-site source(s) and delivered to the project site via pipeline or truck. If off-site water is used, it would likely be obtained from a commercial source. A small water treatment system with a footprint of up to 30 feet by 30 feet may be installed to provide deionized water for panel washing.

### *Water Storage Tank(s)*

One or more plastic or steel above-ground water storage tanks may be placed on-site near the O&M building(s). The storage tank(s) near the O&M building(s) would be sized in accordance with Kern County and fire department requirements and have the appropriate fire department connections to be used for fire suppression purposes.

### *Operations and Maintenance Building*

The proposed project may include an O&M building(s) of approximately 40’ x 80’ in size, with associated on-site parking. The O&M building would be steel framed, with metal siding and roof panels. The O&M building may include the following:

- Office
- Repair building/parts storage
- Control room
- Restroom
- Septic tank and leach field

The septic tank and leach field, roads, driveways, and parking lot entrances would be constructed in accordance with Kern County improvement standards. Parking spaces and walkways would be constructed in accordance with all California Accessibility Regulations. As previously mentioned above, the proposed project may share O&M facilities with one or more nearby solar projects in the area and/or may be remotely operated. Any unused O&M areas on-site may be covered by solar panels.

### *Project Site Security and Fencing*

The project site would be enclosed within a chain link fence with barbed wire measuring up to 8 feet in height (from finished grade). An intrusion alarm system comprised of sensor cables integrated into the perimeter fence, intrusion detection cabinets placed approximately every 1,500 feet along the perimeter fence, and an intrusions control unit, located either in the substation control room or at the O&M building, or similar technology, may be installed. Additionally, the proposed project may include additional security measures including, but not limited to, barbed wire, low voltage fencing with warning reflective signage, controlled access points, security alarms, security camera systems, and security guard vehicle patrols to deter trespassing and/or unauthorized activities that could interfere with operation of the proposed project. Following construction, the fencing around the project site would be permeable to allow for wildlife movement.

Controlled access gates would be maintained at the main entrances to the project site. Project access would be provided to offsite emergency response teams that respond in the event of an “after-hours” emergency. Enclosure gates would be manually operated with a key provided in an identified key box location.

### *Project Site Lighting*

Proposed nighttime lighting on-site would be minimal and is anticipated to be installed at the access gates, substation(s), O&M building(s), and inverters to allow for access and emergency maintenance. Nighttime lighting would provide O&M personnel with illumination for both normal and emergency operating conditions. The minimum illumination needed to ensure worker safety and security on-site would be provided. All nighttime lighting installed would be shielded and directed downward to minimize the potential for glare or spillover onto adjacent properties as required by Kern County Ordinance (Chapter 19.81) - Outdoor Lighting-Dark Skies requirements. Additionally, motion-sensitive cameras would be installed within the solar fields in proximity to the inverters for purposes of security.

## Construction Activities

The construction period for the proposed project from site preparation through construction, testing, and commercial operation is expected to commence as early as Q3 2025 and would extend for up to 60 months.

Construction of the proposed project would include the following activities:

- Site preparation
- Access and internal circulation roads
- Grading and earthwork
- Concrete foundations
- Structural steelwork
- Panel installation
- Electrical/instrumentation work
- Collector line installation
- Stormwater management facilities
- Gen-tie line(s)

No roadways would be affected by the proposed project, except during the construction period. Construction traffic would access the project site from Wasco Way, Merced Avenue, Lerdo Highway, Rowlee Road, Wildwood Road, Riverside Street, Burbank Street, Buttonwillow Drive, 7th Standard Road, Snow Road, Blue Star Memorial Highway, and Sullivan Road. It is estimated that up to 800 workers per day (during peak construction periods) would be required during construction of the proposed project.

Construction activities would comply with Kern County and local municipalities' noise ordinances. Heavy construction is expected to occur between 7:00 am and 5:00 pm, Monday through Friday. If weekend work is required, construction would occur between 8:00 am and 9:00 pm. Low-level noise activities may potentially occur between the hours of 10:00 pm and 7:00 am. Nighttime activities could potentially include, but are not limited to, refueling equipment, staging material for the following day's construction activities, gen-tie crossing, quality assurance/control, and commissioning.

Materials and supplies would be delivered to the project site by truck. Truck deliveries would normally occur during daylight hours. However, there would be offloading and/or transporting to the project site on weekends and during evening hours.

Earthmoving activities are expected to be limited to the construction of the access roads, O&M building(s), substation(s), water storage tank, construction of solar panel foundation supports, ESSs, and any stormwater protection or storage (detention) facilities. Final grading may include revegetation with low-lying grass or applying earth-binding materials to disturbed areas.

### *Construction Water Use*

During construction, water would be required for common construction-related purposes, including but not limited to dust suppression, soil compaction, and grading. Total water usage during construction is not

expected to exceed 3,500 acre-feet (no more than 1,000 AF per year). Semitropic Water Storage District has agreed to supply construction water for the Project. The water would be delivered at District turnouts on the Project Site via Semitropic's existing water infrastructure network. Additional water may be obtained from new or existing onsite wells or one or more off-site source(s) and delivered to the project site via truck. If off-site water is used, it would likely be obtained from a commercial source.

Temporary, portable water tanks may be placed on-site to store water for construction purposes. If the Applicant determines that off-site water would be used, the Applicant will submit evidence of an agreement to provide sufficient water quantities from the proposed off-site water purveyor(s). Portable restroom facilities would be provided to the workers during construction.

## Project Operation and Maintenance Activities

Once the proposed project is constructed, maintenance would generally be limited to the following:

- Cleaning of PV panels
- Monitoring electricity generation
- Providing site security
- Facility maintenance – replacing or repairing inverters, wiring, and PV modules

### *Schedule and Workforce*

It is expected that the proposed project could require an operational staff of up to 20 full-time employees. As previously mentioned above, it is possible that the proposed project could share O&M, substation, and/or transmission facilities with nearby energy projects. In such a scenario, the projects would share personnel, thereby potentially reducing the project's on-site staff.

The facility would operate seven days a week, 24 hours a day, generating electricity during normal daylight hours when solar energy is available. The ESS could dispatch energy at any time during the day or night. Maintenance activities may occur seven days a week, 24 hours a day to ensure ESS output and PV panel output when solar energy is available.

### *Operational Water Usage*

Water demand for panel washing and O&M domestic use is not expected to exceed 7 AF per year. \. Water is anticipated to be obtained from new or existing on-site wells. Alternatively, water may be obtained from one or more off-site source(s) and delivered to the project site via pipeline or truck. If off-site water is used, it would likely be obtained from a commercial source. A small water treatment system with a footprint of up to 30 feet by 30 feet may be installed to provide deionized water for panel washing.

### *Electrical Supply Power*

The facility would operate seven days a week, 24 hours a day, generating electricity during normal daylight hours when solar energy is available. The ESS could dispatch energy at any time during the day or night. Maintenance activities may occur seven days a week, 24 hours a day to ensure ESS output and PV panel output when solar energy is available.

## Decommissioning Activities

Solar equipment typically has a lifespan of over 30 years with regular maintenance intervals. The proposed project expects to sell the renewable energy produced by the project under the terms of a long-term Power Purchase Agreement (PPA) with a utility or other power off-taker. Upon completion of the PPA term, the project operator may, at its discretion, continue to generate and sell power from the project or decommission and remove the system and its components. Upon decommissioning, the solar and storage facility could be converted to other uses in accordance with applicable land use regulations in effect at that time.

It is anticipated that during project decommissioning, project structures that would not be needed for subsequent use would be removed from the project site. Above-ground equipment that may be removed would include module posts and support structures, on-site transmission poles that are not shared with third parties and the overhead collection system within the project site, inverters, substation(s), transformers, electrical wiring, equipment on the inverter pads, and related equipment and concrete pads.

Equipment would be de-energized before removal, salvaged (where possible), and shipped off-site to be recycled or disposed of at an appropriately licensed disposal facility. Once the solar modules are removed, the racks would be disassembled, and the structures supporting the racks would be removed. Site infrastructure would be removed, including fences, and concrete pads that may support the inverters, transformers, and related equipment, would also be removed. The demolition debris and removed equipment may be cut or dismantled into pieces that can be safely lifted or carried by standard construction equipment. The fencing and gates would be removed, and all materials would be recycled to the extent practical. Project roads would be restored to their pre-construction function unless they may be used for subsequent land use. The area would be thoroughly cleaned and all debris removed. Materials would be recycled to the extent feasible, with the remainder disposed of in landfills in compliance with all applicable laws.

## Project Features and Best Management Practices

Standard project features and best management practices (BMPs) would be followed during construction, operation and maintenance of the proposed project to maintain the safety of employees and surrounding communities, and to minimize or avoid environmental impacts.

### *Waste and Hazardous Materials Management*

The proposed project would have minimal levels of materials on site that have been defined as hazardous under 40 Code of Federal Regulations, Part 261. Hazardous materials and wastes would be managed, used, handled, stored, and transported in accordance with applicable local and state regulations. The following materials are expected to be used during the construction, operation, and long-term maintenance of the proposed project:

- Insulating oil – used for electrical equipment
- Lubricating oil – used for maintenance vehicles
- Various solvents/detergents – equipment cleaning
- Gasoline – used for maintenance vehicles

Hazardous materials and wastes would be managed, used, handled, stored, and transported in accordance

with applicable local and State regulations. All hazardous wastes would be maintained at quantities below the threshold requiring a Hazardous Material Management Program (HMMP) (one 55-gallon drum). Should any on-site storage of hazardous materials exceed one 55-gallon drum, an HMMP would be prepared and implemented.

### *Spill Prevention and Containment*

During construction, above-ground storage tanks would be used as temporary fueling stations. Temporary tanks would have double containment. Less than 55 gallons of hazardous materials would be stored on-site during operations. Spill prevention and containment for construction and operation of the proposed project would adhere to the Environmental Protection Agency's (EPA) guidance on Spill Prevention Control and Countermeasures (SPCC).

### *Wastewater and Septic System*

A standard on-site septic tank and leach field may be used at the O&M building(s) to dispose of sanitary wastewater, designed to meet operation and maintenance guidelines required by Kern County laws, ordinances, regulations, and standards. If no O&M buildings are installed on-site, no septic systems would be installed.

### *Inert Solids*

Inert solid wastes resulting from construction activities may include recyclable items such as paper, cardboard, solid concrete and block, metals, wire, glass, type 1-4 plastics, drywall, wood, and lubricating oils. Non-recyclable items include insulation, other plastics, food waste, vinyl flooring and base, carpeting, paint containers, packing materials, and other construction wastes. A Construction Waste Management Plan would be prepared for review by the County. Consistent with local regulations and the California Green Building Code, the Plan would provide for the diversion of a minimum of 50 percent of construction waste from landfills.

Chemical storage tanks (if any) would be designed and installed to meet applicable local and state regulations. Any wastes classified as hazardous such as solvents, degreasing agents, concrete curing compounds, paints, adhesives, chemicals, or chemical containers would be stored (in an approved storage facility/shed/structure) and disposed of as required by local and state regulations. Hazardous wastes exceeding threshold quantities (one 55-gallon drum) are not expected.

### *Health and Safety*

Safety precautions and emergency systems would be implemented as part of the design and construction of the proposed project to ensure safe and reliable operation. Administrative controls will include classroom and hands-on training in O&M procedures, general safety items, and a planned maintenance program. These will work with the system design and monitoring features to enhance safety and reliability.

## 1.5. Applicant Provided Project Objectives

The proposed project would provide the State of California with a renewable energy source that would assist the State of California in complying with the Renewables Portfolio Standard (RPS) under Senate Bill 350 (2015), which requires that 50% of all electricity sold in the state to be generated from renewable energy sources by December 31, 2030. Senate Bill 100 was approved in September 2018 and would increase

the Renewables Portfolio Standard to a 100% goal by 2045. The specific objectives as identified by the project proponent are to:

- Establish a large-scale solar PV and battery energy storage facility in a manner that maximizes the production of reliable electricity in an economically feasible and commercially financeable manner that can be marketed to different power utility companies.
- Provide energy to the electric grid to meet increasing demand for in-state generation.
- Provide revenues that help support public services within Kern County.
- Assist the County in continuing the goal in the Energy Element of its General Plan to develop large-scale solar energy development as a major energy source in the County.
- Promote economic development and bring regionally defined living-wage jobs to the region throughout the life of the proposed project.
- Support California's efforts to reduce greenhouse gas (GHG) emissions consistent with the timeline established in 2006 under California Assembly Bill 32, the Global Warming Solutions Act of 2006, which requires the California Air Resources Board to reduce statewide emissions of GHGs to at least the 1990 emissions level by 2020. This timeline was updated in 2016 under SB 32, which requires that statewide GHG emissions are reduced to at least 40 percent below the statewide GHG emissions limit by 2030.
- Support California's aggressive RPS Program consistent with the timeline established by SB 100 (De León, also known as the "California Renewables Portfolio Standard Program: emissions of greenhouse gases") as approved by the California Legislature and signed by Governor Brown in September 2018, which established a 50 percent RPS goal by December 31, 2026, 60 percent by December 31, 2030, and a goal that 100 percent of electric retail sales to end-use customers be provided by renewable energy and zero-carbon resources by 2045.
- Utilize historically farmed lands that would otherwise be fallowed due to significant water shortages, thereby providing local farmers an alternative to the economic losses associated with limiting their production.

## 1.6. Proposed Discretionary Actions/Required Approvals

The Kern County Planning and Natural Resources Department as the CEQA Lead Agency (per CEQA Guidelines Section 15052) has discretionary responsibility for the IPG Industrial Project owned by IPG Kern County 52 Holdings, LLC. To implement this project, the project proponent may need to obtain the following discretionary and ministerial permits/approvals, but not be limited to:

### FEDERAL

#### *Army Corps of Engineers*

- Section 404 Permit (if required)

## STATE

### *California Department of Fish and Wildlife*

- Section 1600 et seq. permits
- Section 2081 Permit

### *California Department of Transportation*

- Right-of-Way Encroachment Permit (if required)
- Permit for Transport of Oversized Loads (if required)

### *Central Valley Regional Water Quality Control Board (RWQCB)*

- National Pollution Discharge Elimination System (NPDES) Construction General Permit
- General Construction Stormwater Permit (Preparation of a SWPPP)

## LOCAL

### *County of Kern*

- Certification of Final Environmental Impact Report
- Adoption of 15091 Findings of Fact and 15093 Statement of Overriding Considerations
- Adoption of the proposed Mitigation Monitoring and Reporting Program
- Approval of Amendments to the Kern County General Plan
- Approval of Amendments to the Buttonwillow Community Specific Plan
- Approval of Conditional Use Permits
- Approval of Changes in Zoning Classification
- Approval of Williamson Act Cancellations
- Approval of Kern County Grading and Building Permits
- Approval of Kern County Encroachment Permits
- Approval of Kern County Franchise Agreements
- Approval of Kern County Easements and Licenses
- Approval of Kern County Fire Safety Plan

### *San Joaquin Valley Air Pollution Control District*

- Authority to Construct (ATC)

- Construction Fugitive Dust Control Plan
- Permit to Operate (PTO)
- Indirect Source Rule and Voluntary Emission Reduction Agreement
- Other permits as required

The preceding discretionary actions/approvals are potentially required and do not necessarily represent a comprehensive list of all possible discretionary permits/approvals required. Other additional permits or approvals from responsible agencies may ultimately be required to implement the proposed project.

**Figure 1. Vicinity**

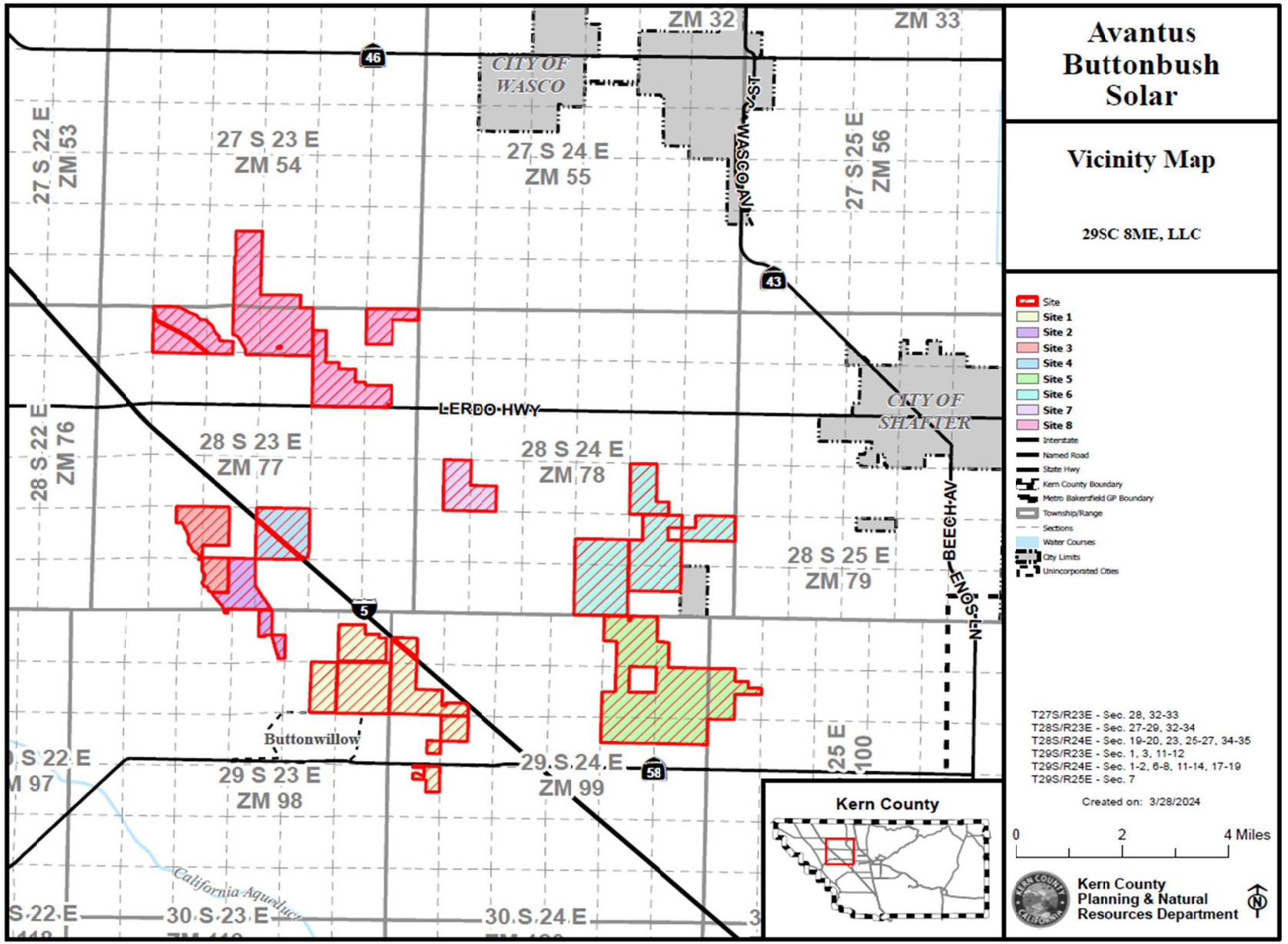


**Figure 2.a. Aerial**

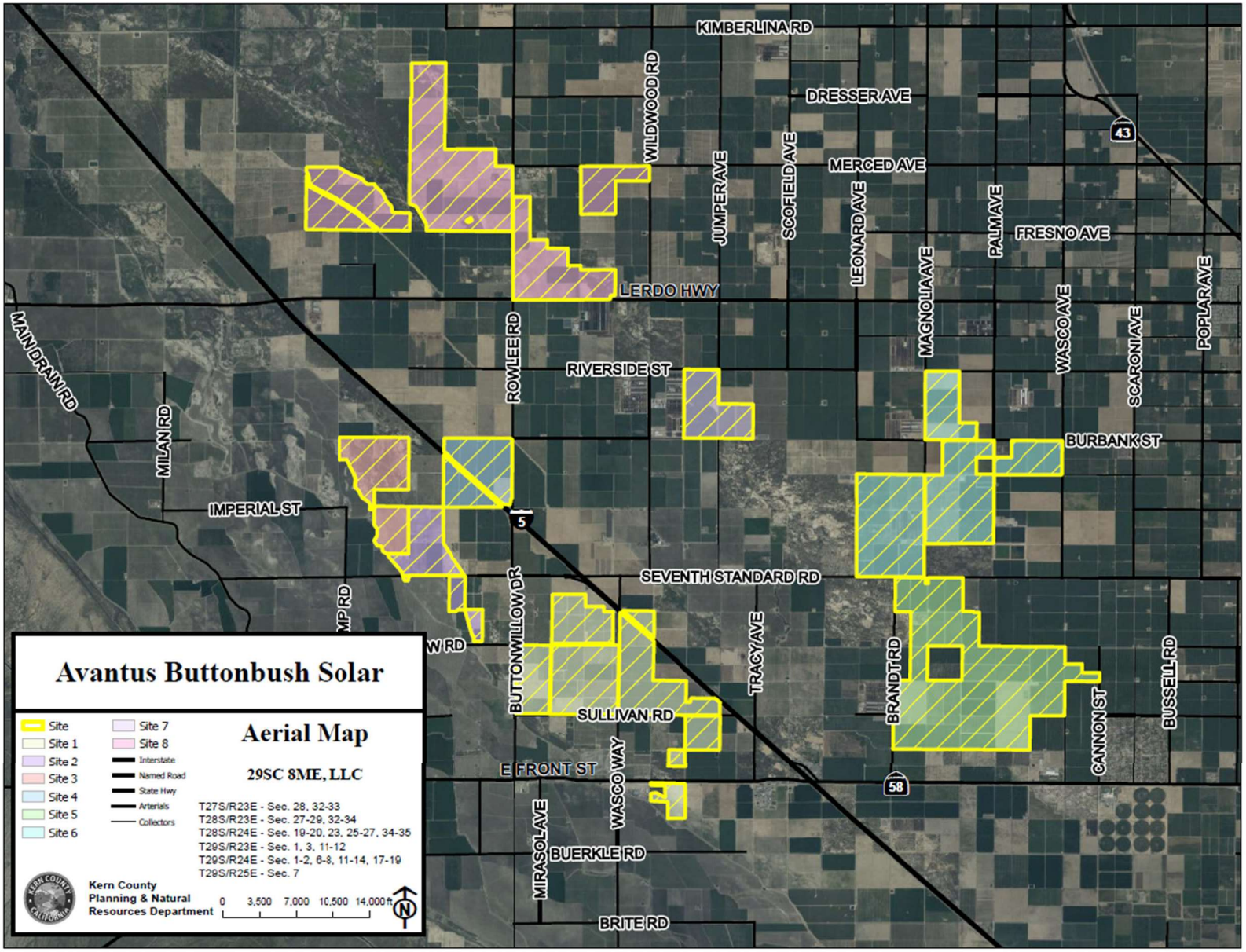


**Figure 2.b. Aerial**

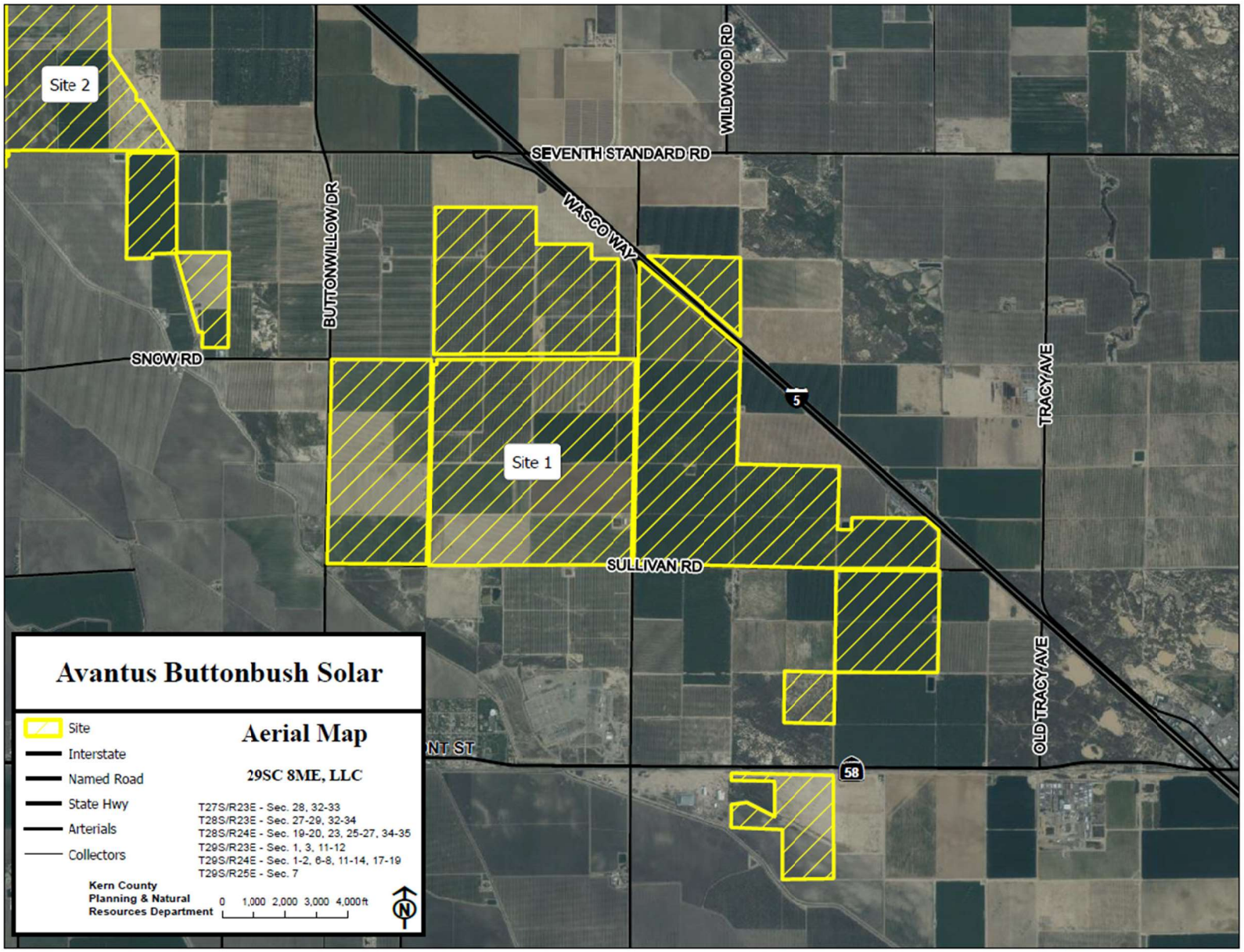


**Figure 2.c. Aerial**

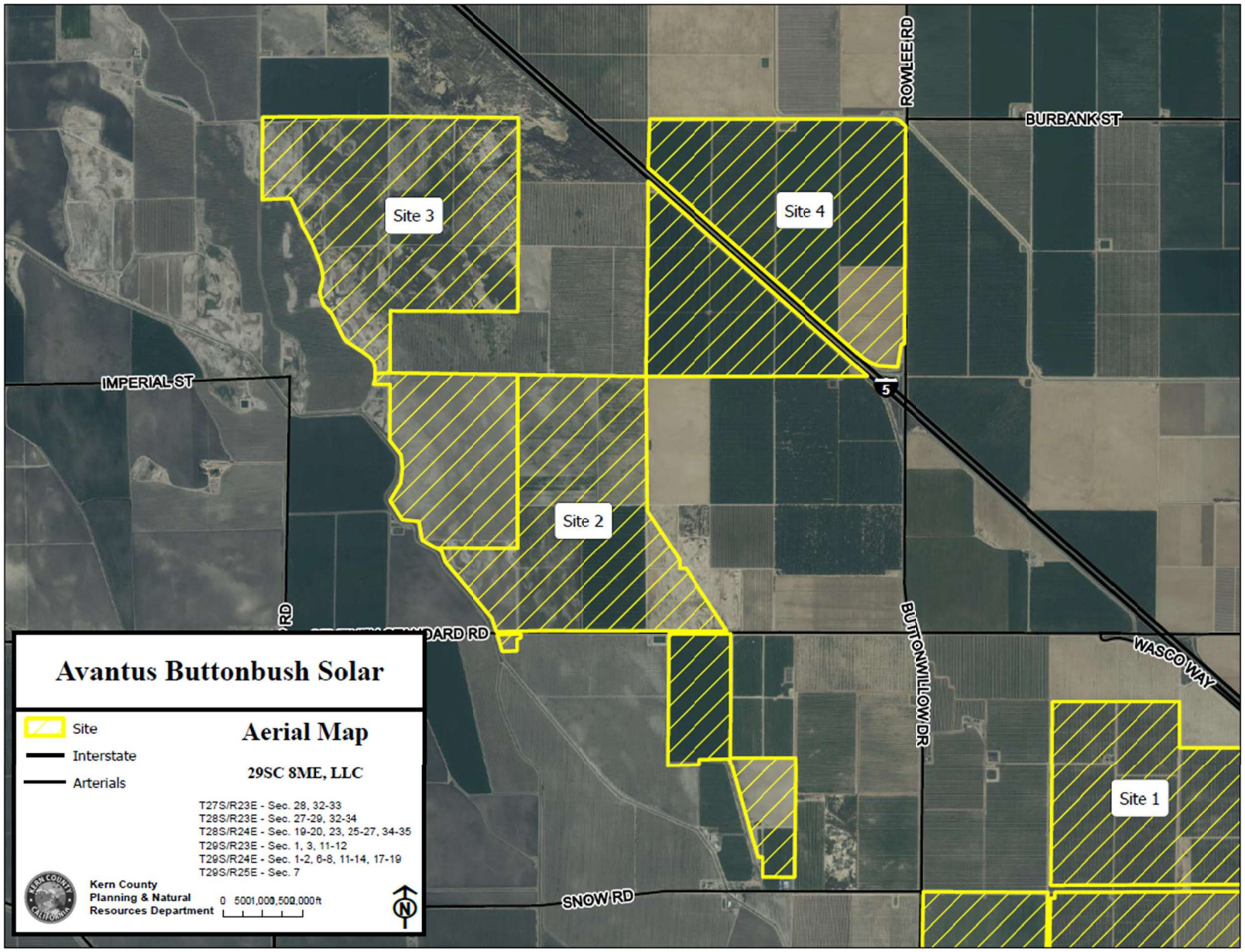


**Figure 2.d. Aerial**

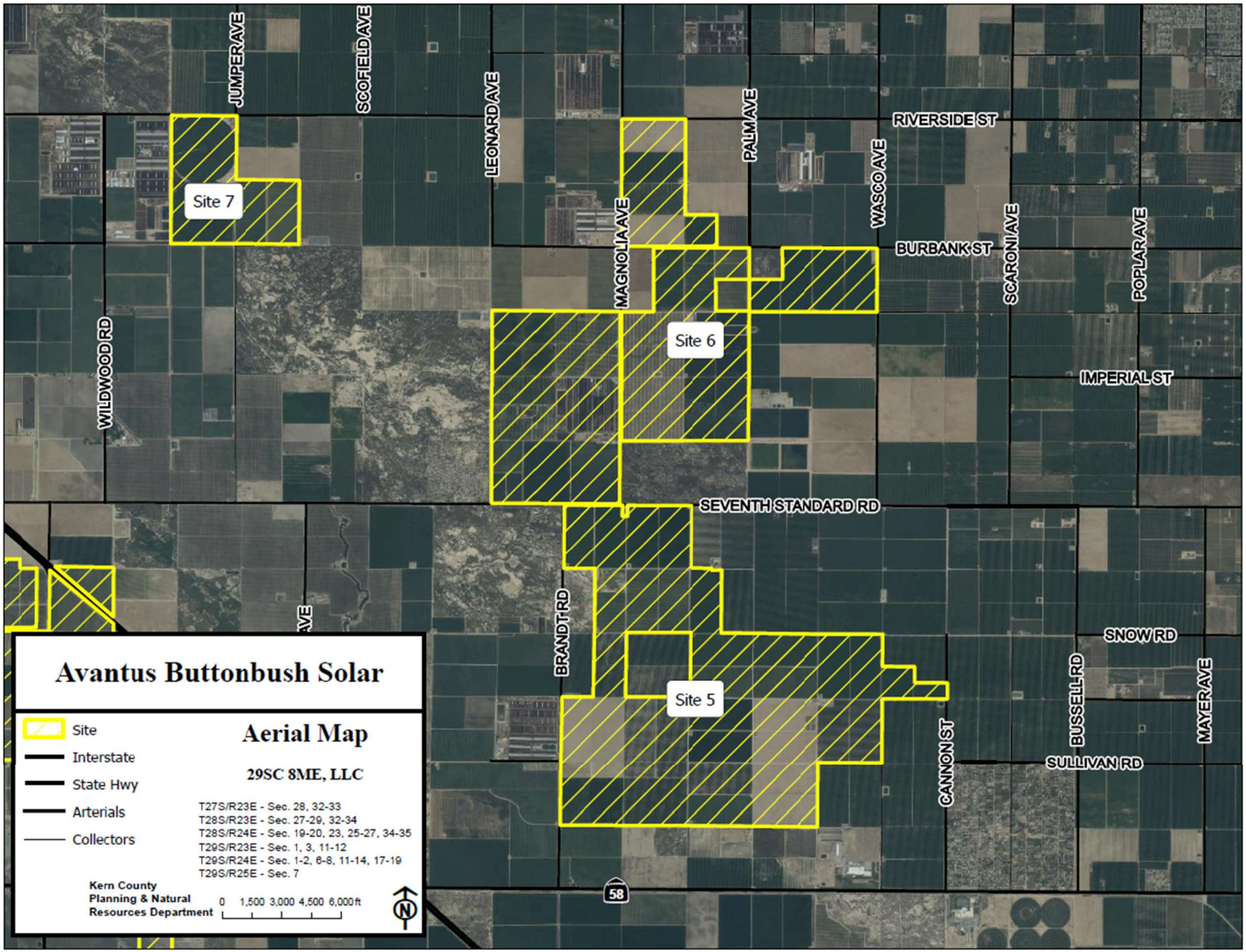


**Figure 2.e. Aerial**

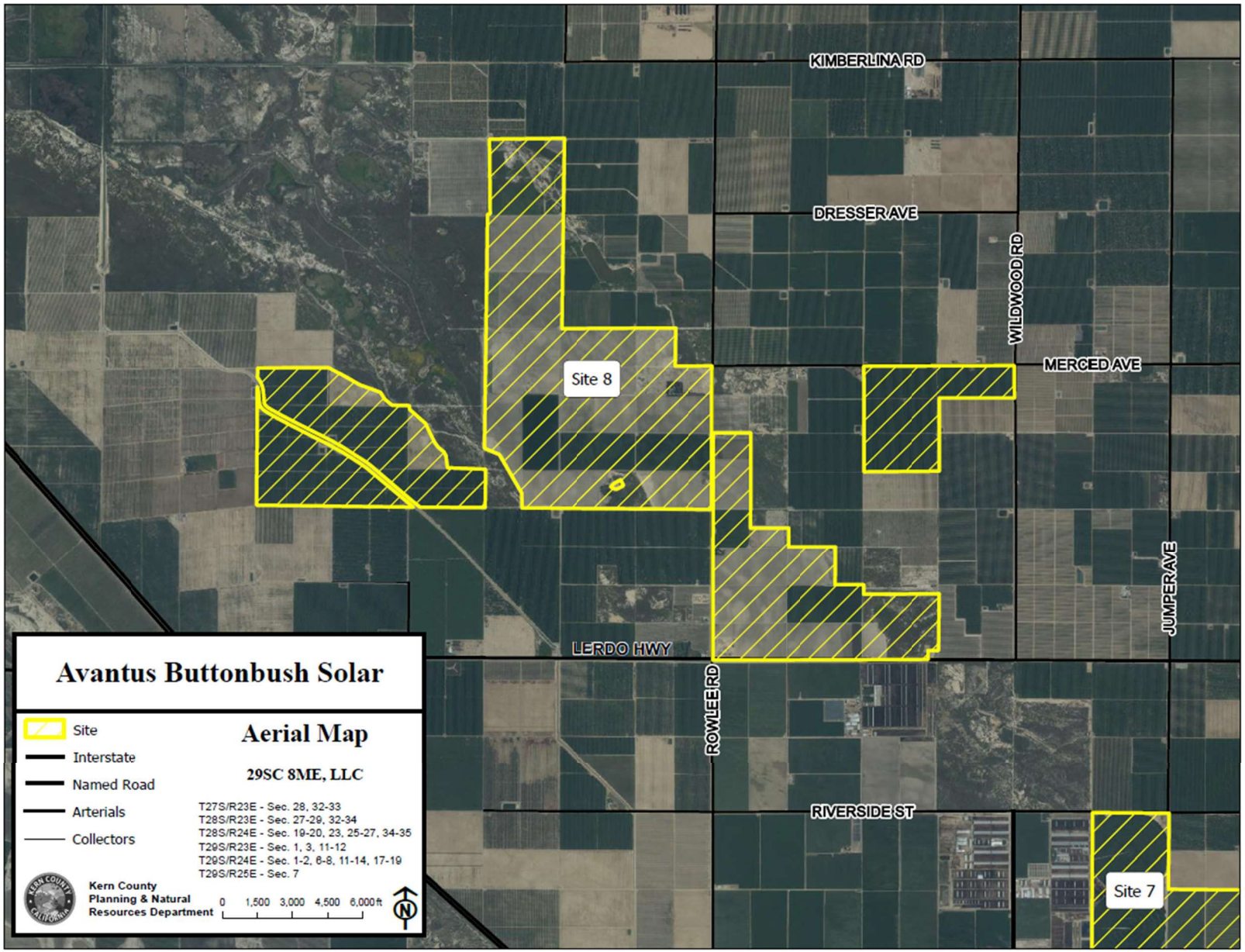


**Figure 3.a. Parcelization**

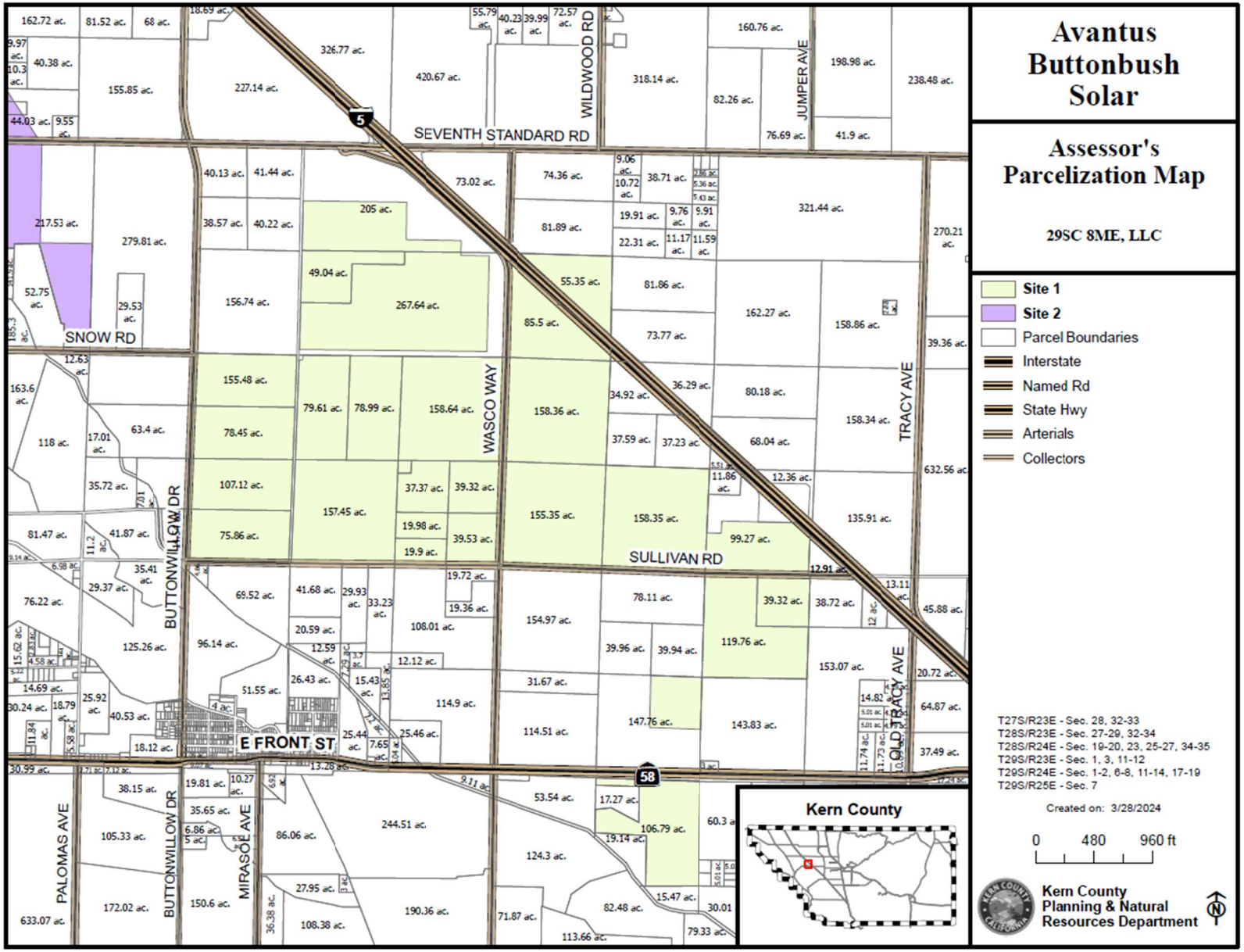


**Figure 3.b. Parcelization**

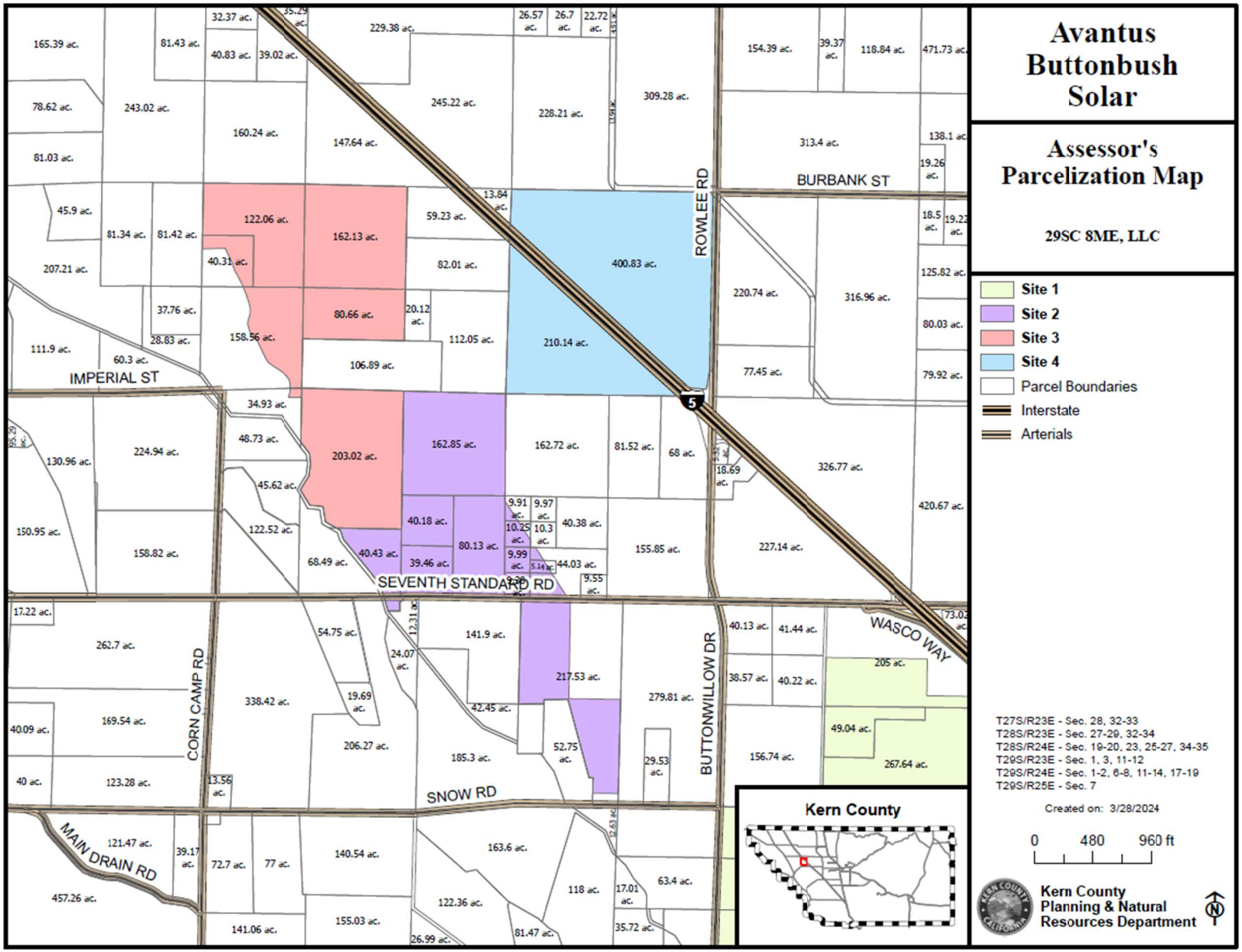


**Figure 3.c. Parcelization**

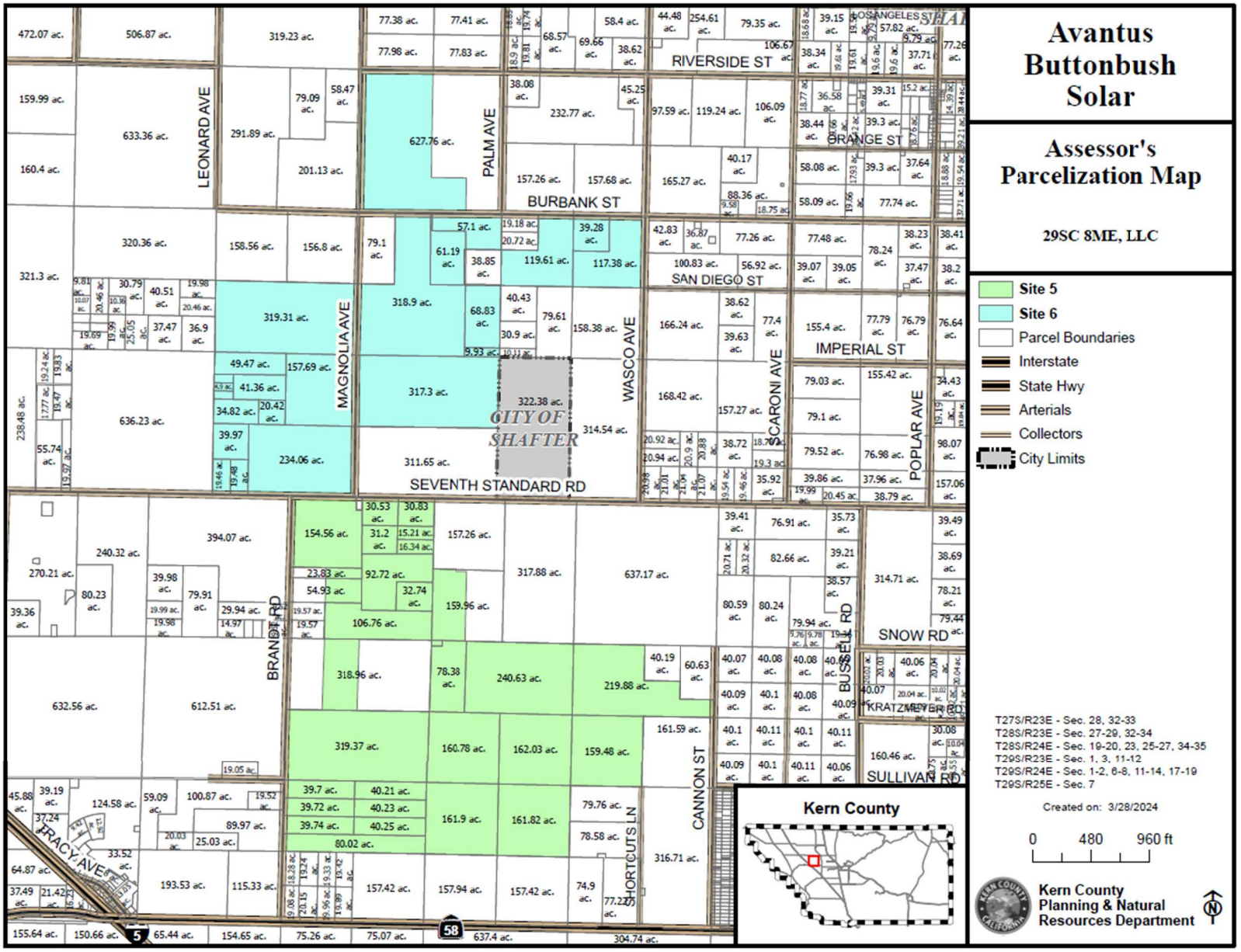


**Figure 3.d. Parcelization**

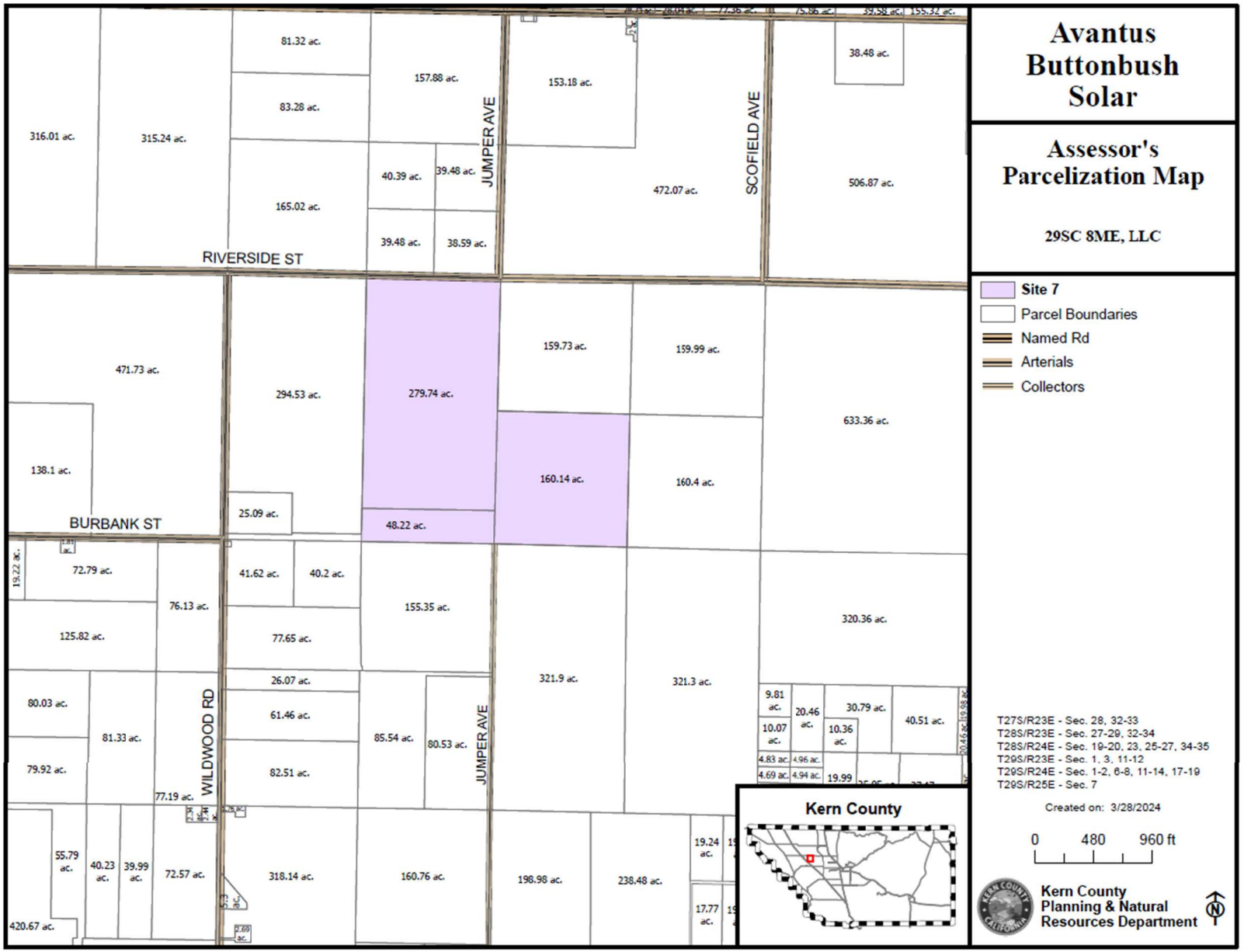


**Figure 3.e. Parcelization**

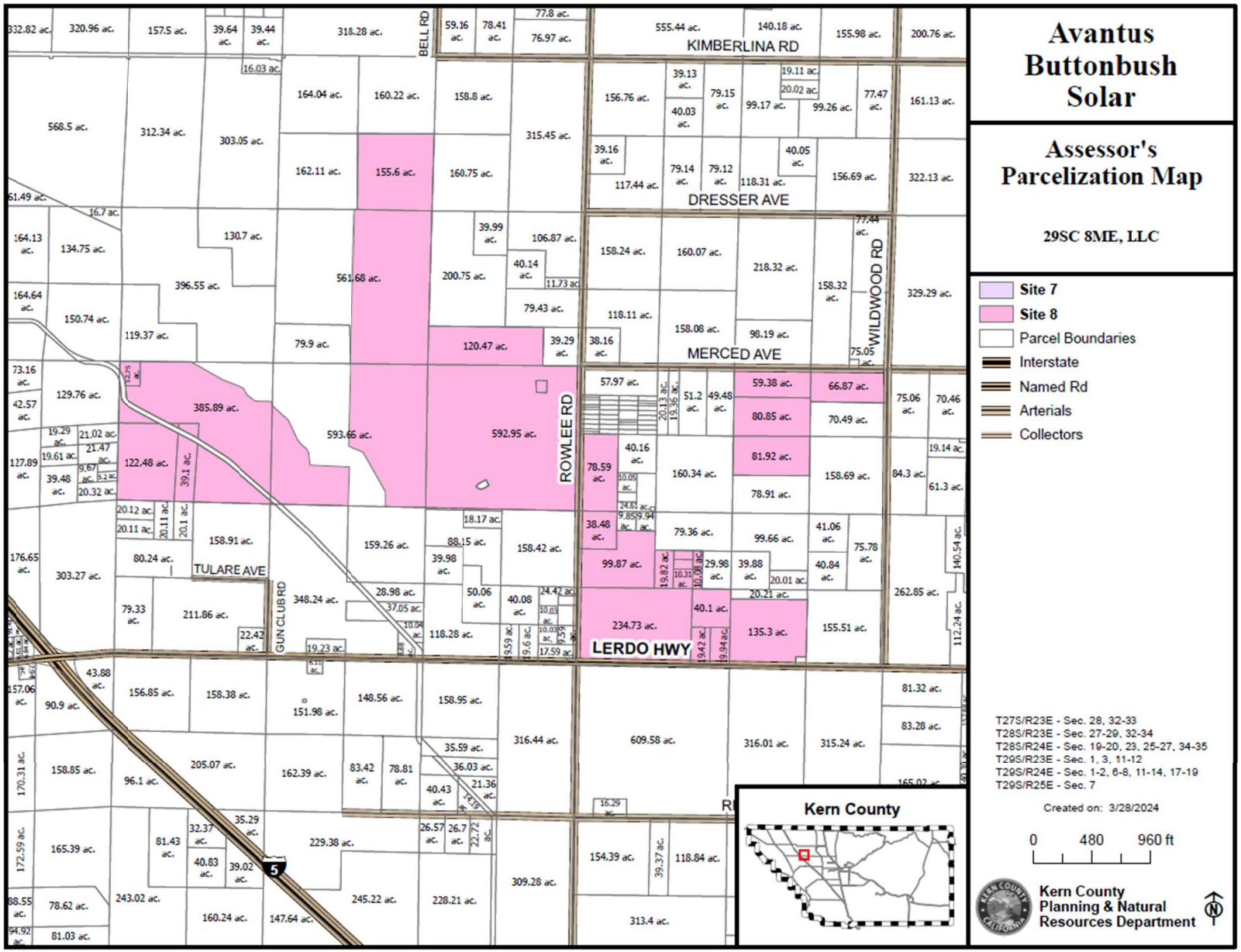


**Figure 4.a. Existing General Plan Designation**

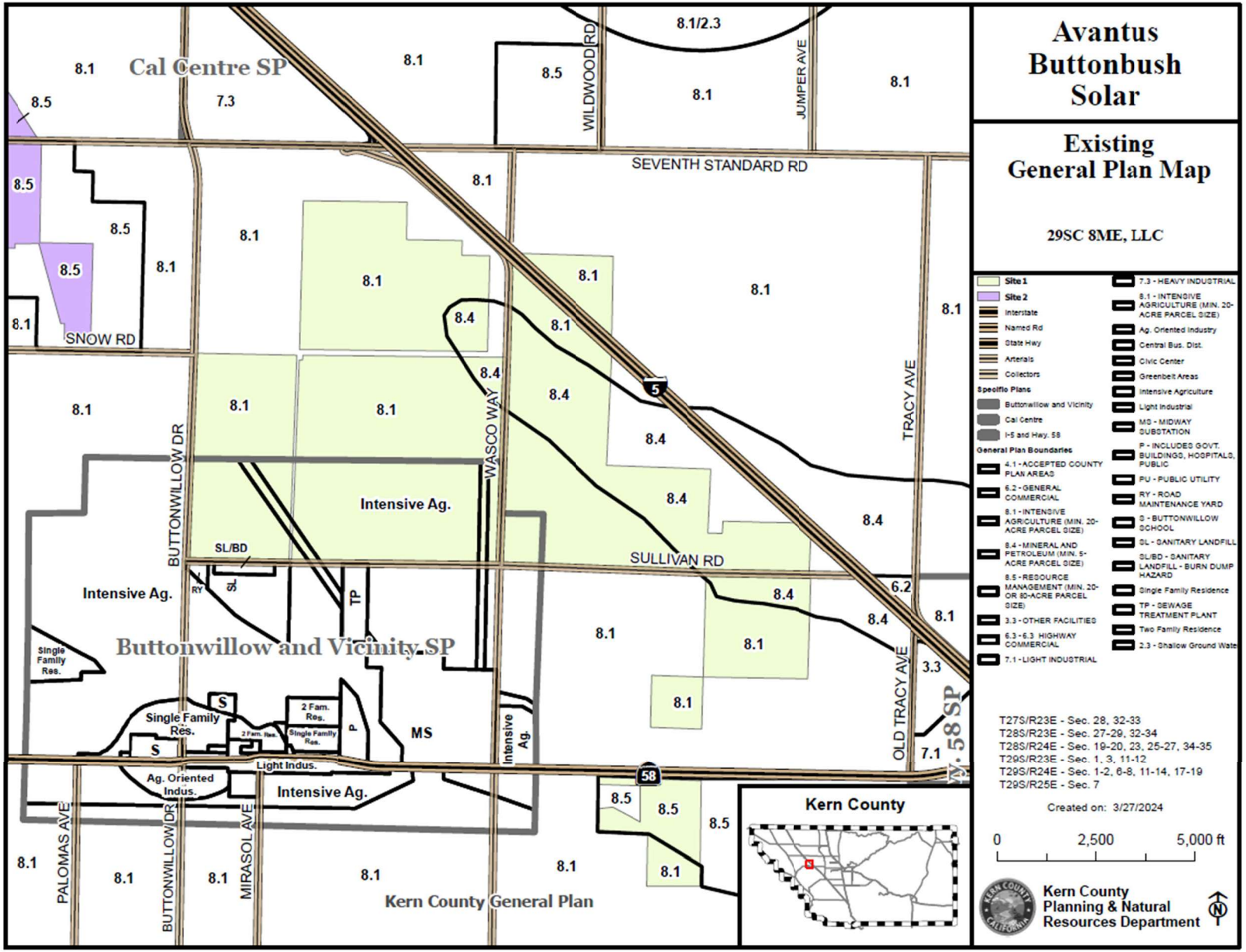


**Figure 4.b. Existing General Plan Designation**

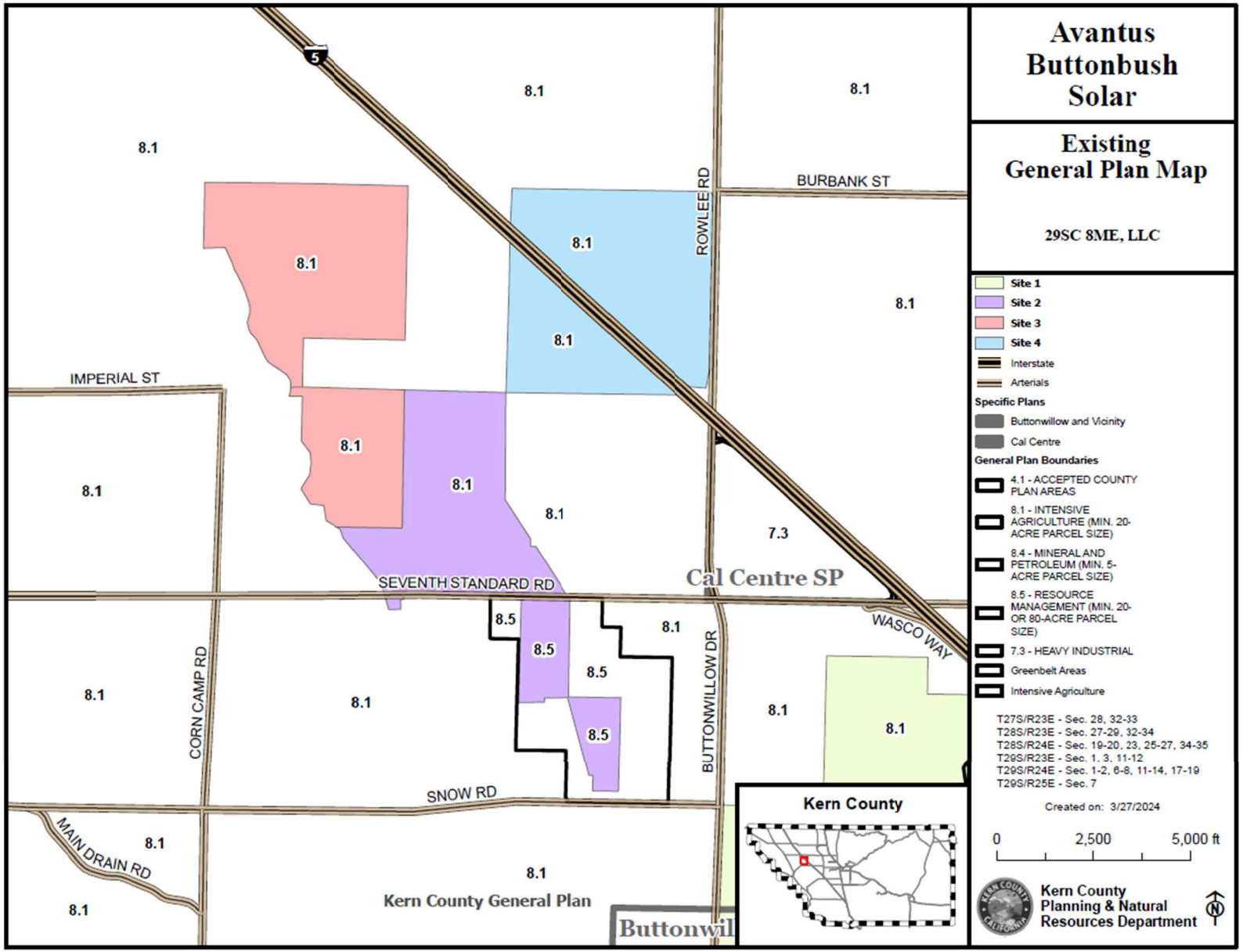


**Figure 4.c. Existing General Plan Designation**

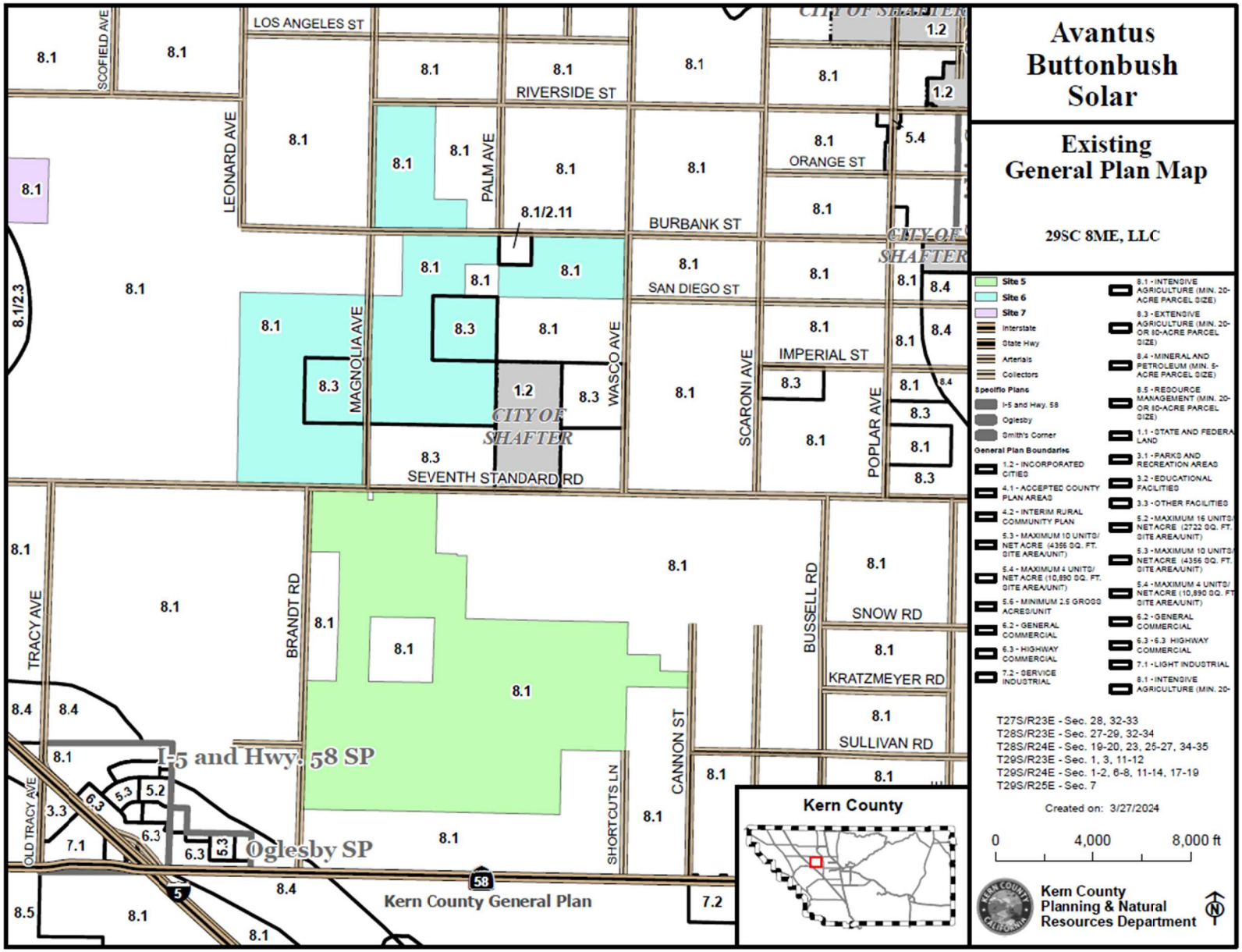


**Figure 4.d. Existing General Plan Designation**

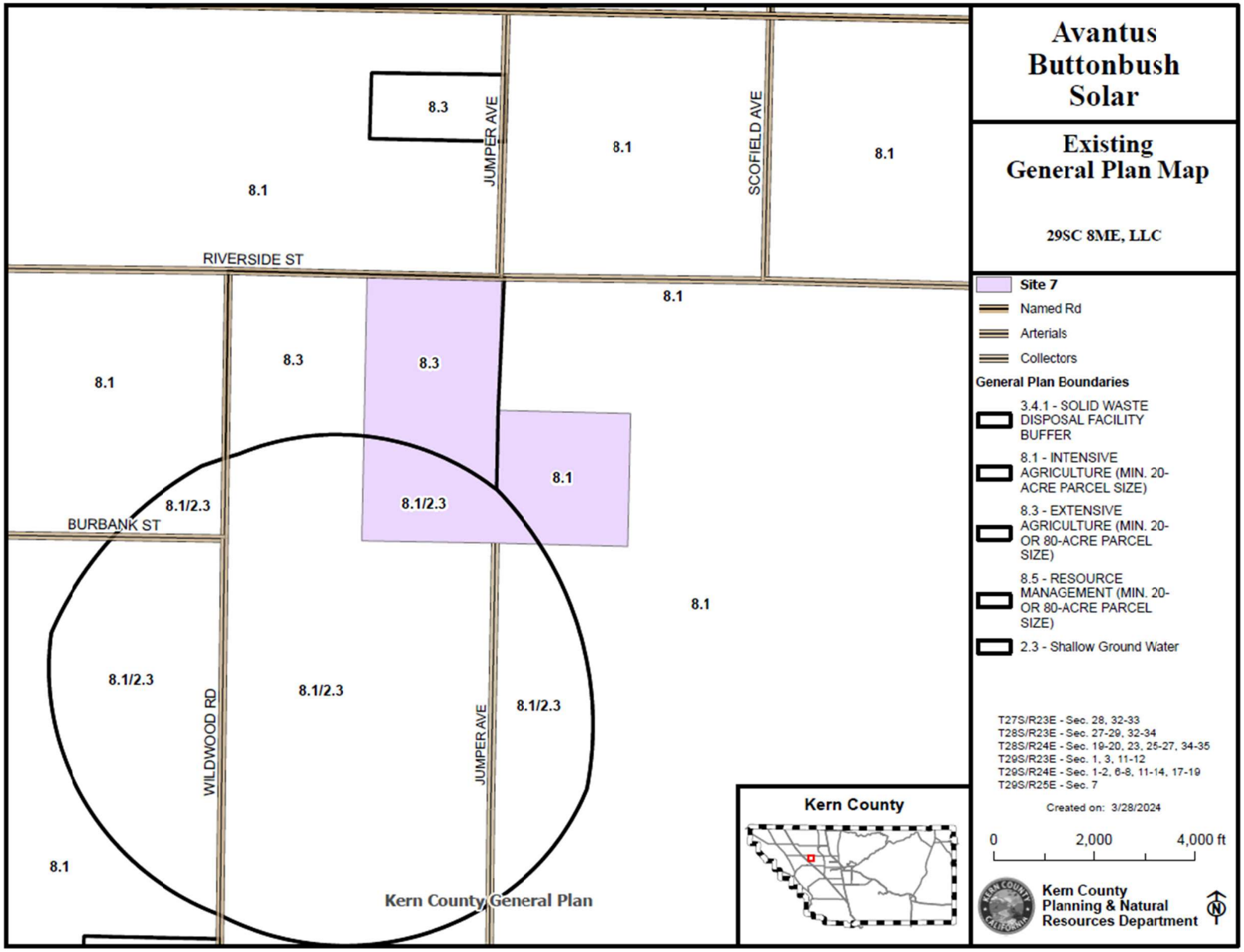


**Figure 4.e. Existing General Plan Designation**

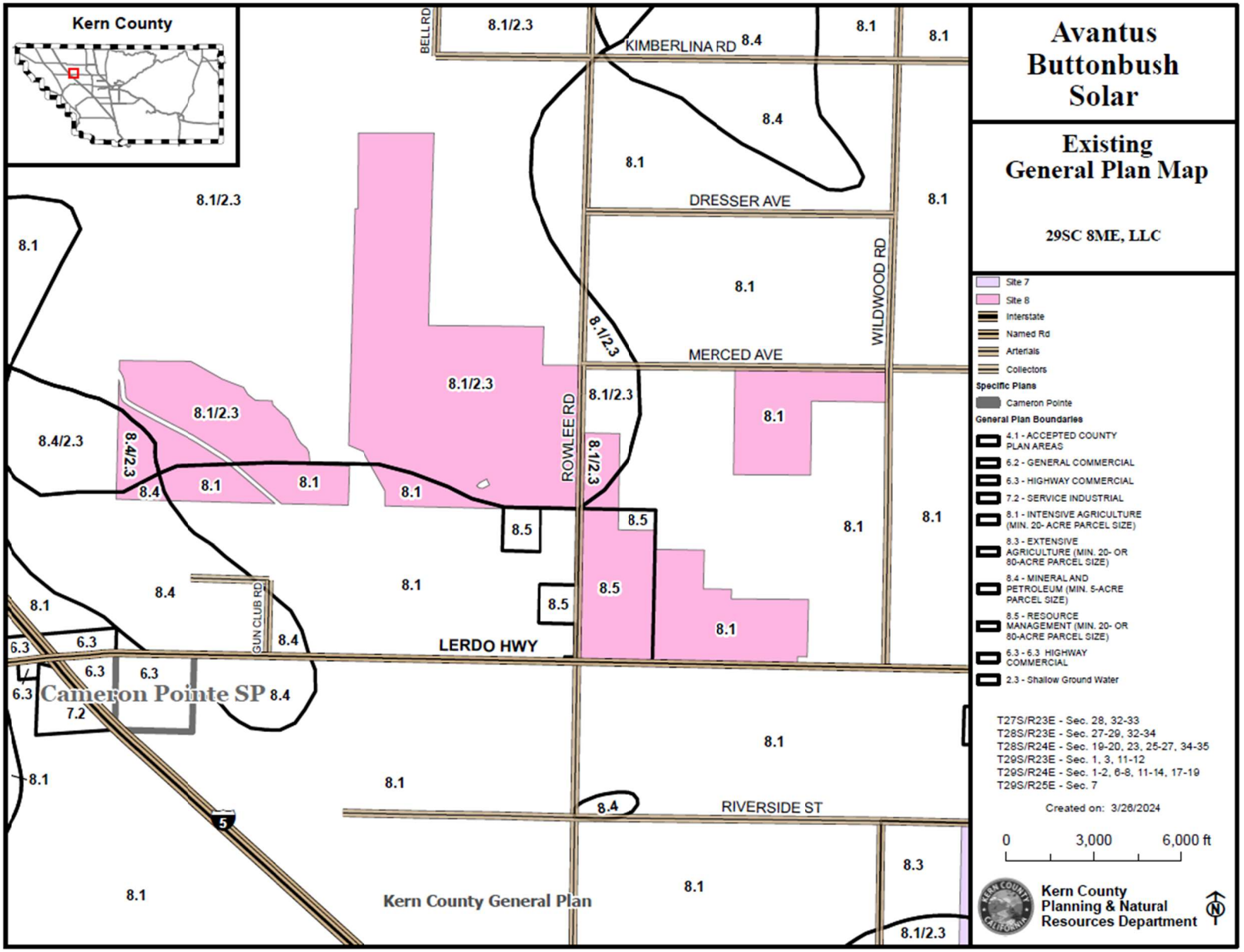


**Figure 5.a. Existing Zoning**

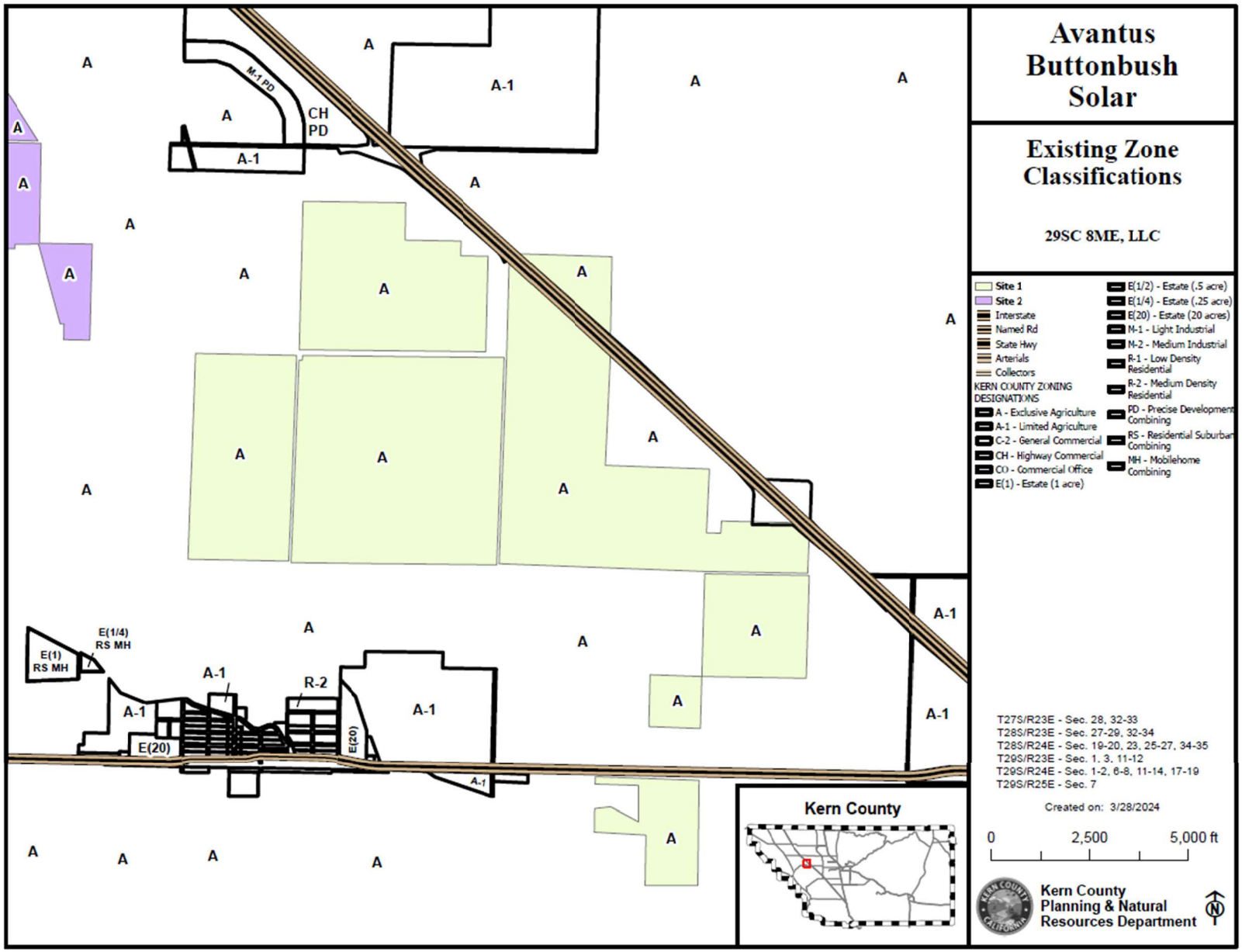


**Figure 5.b. Existing Zoning**

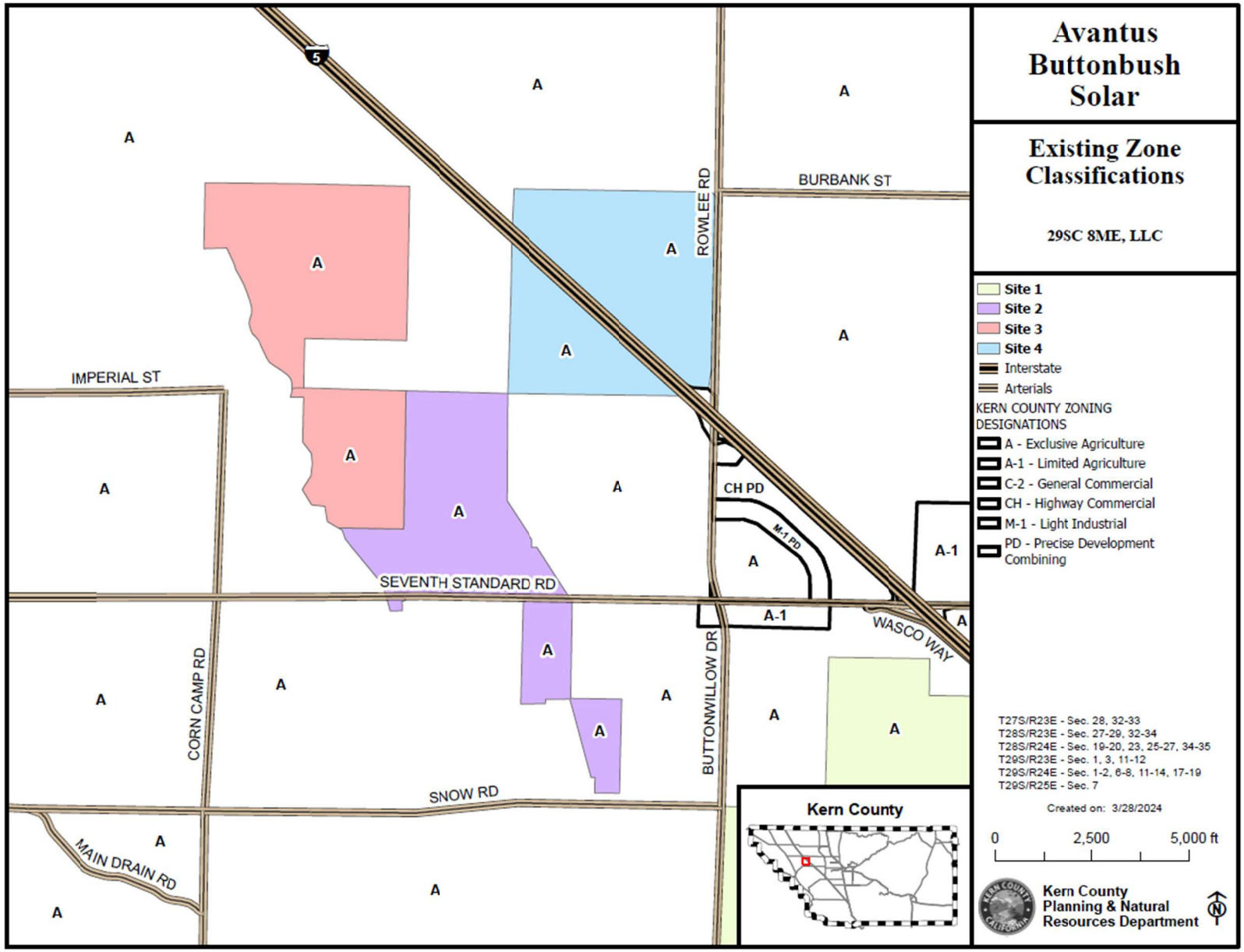


**Figure 5.c. Existing Zoning**

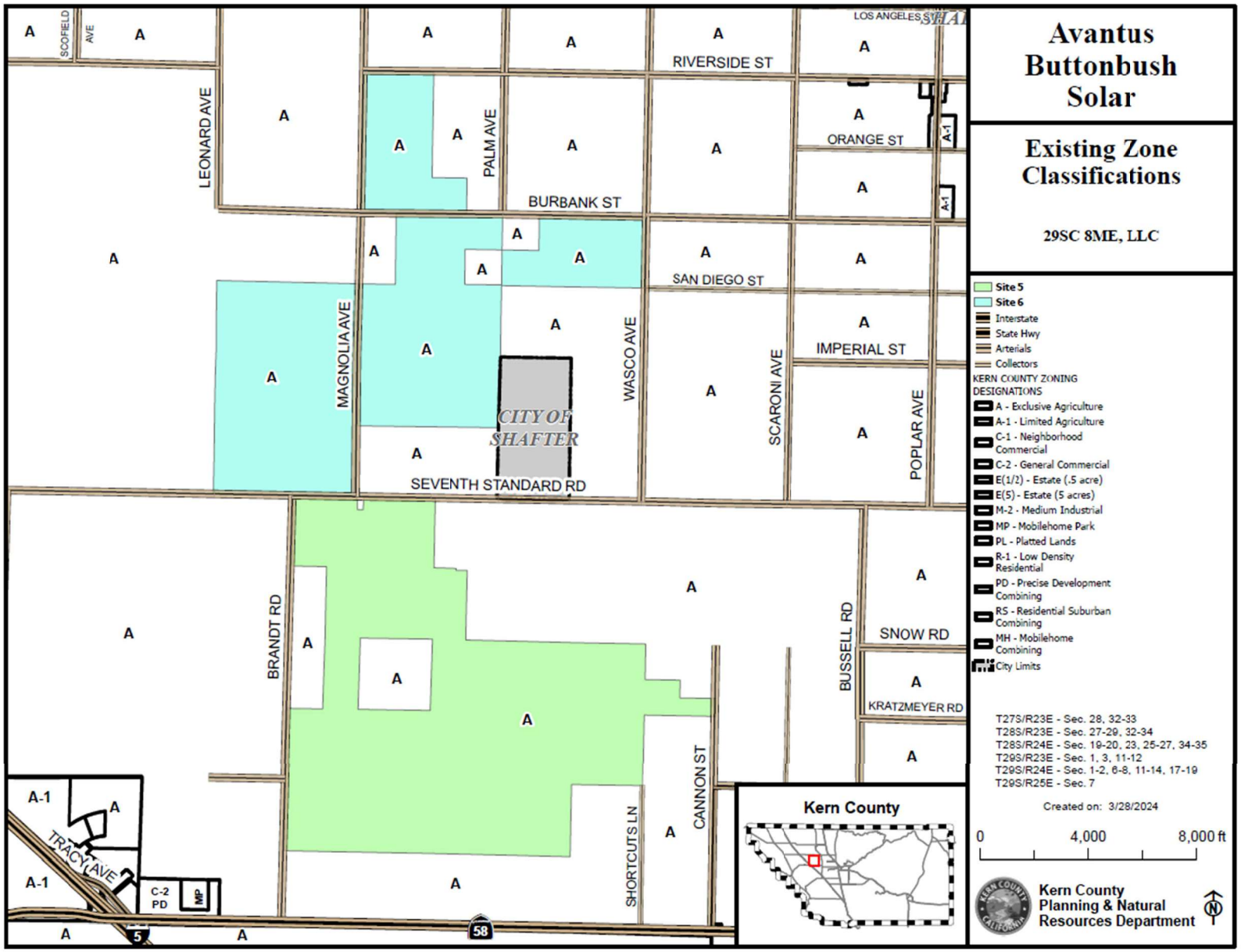


**Figure 5.d. Existing Zoning**

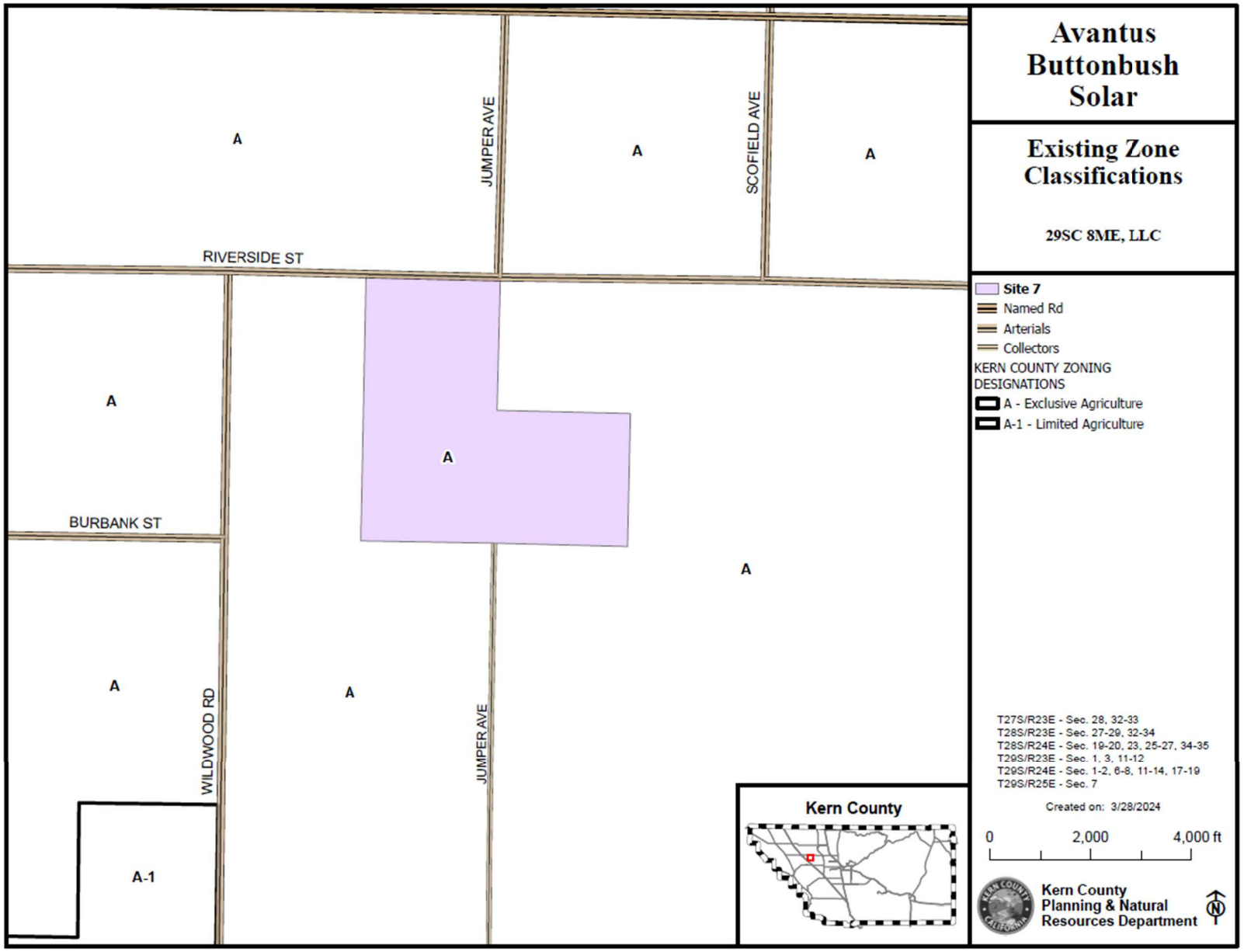


**Figure 5.e. Existing Zoning**

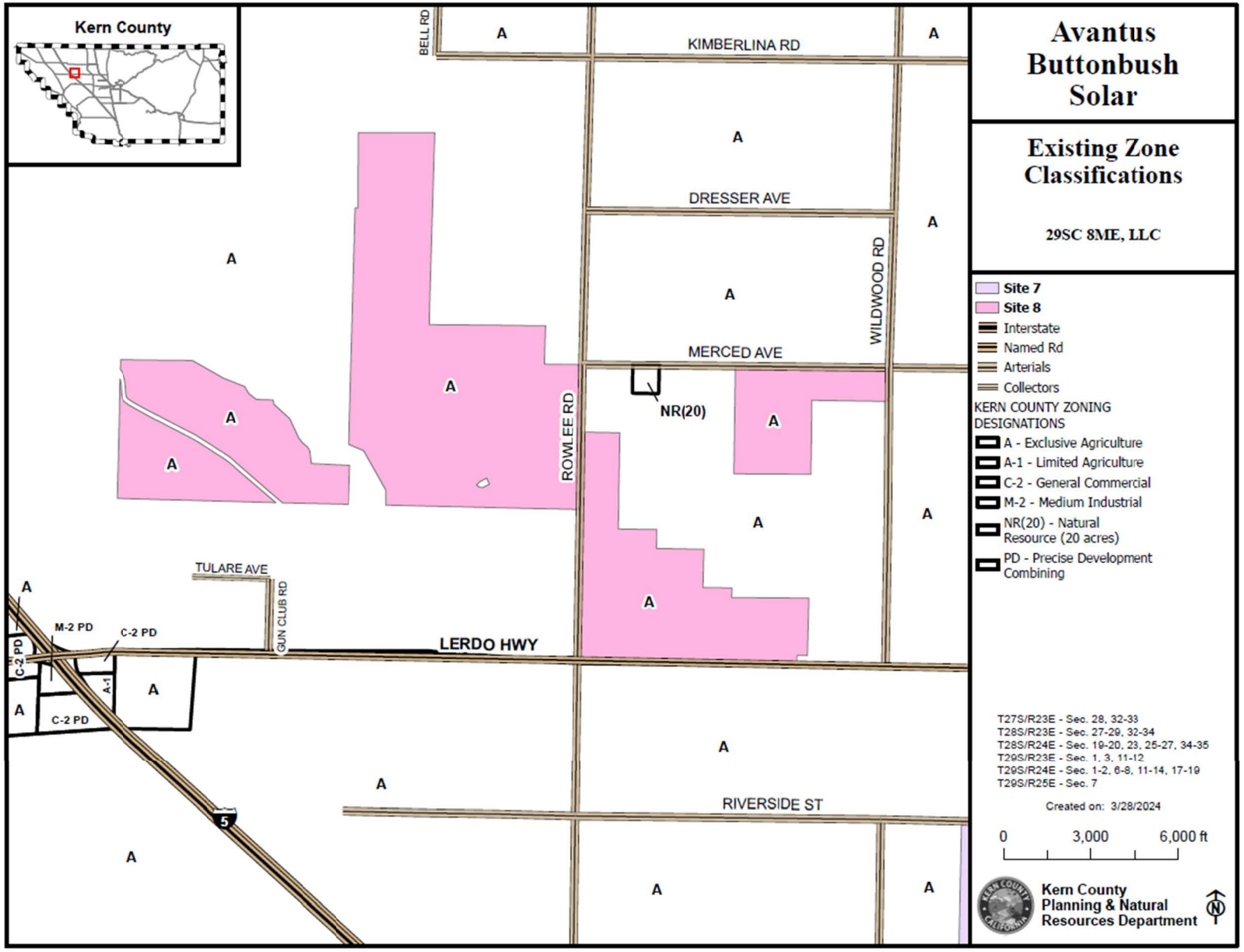


**Figure 6.a. Proposed Circulation Amendment**

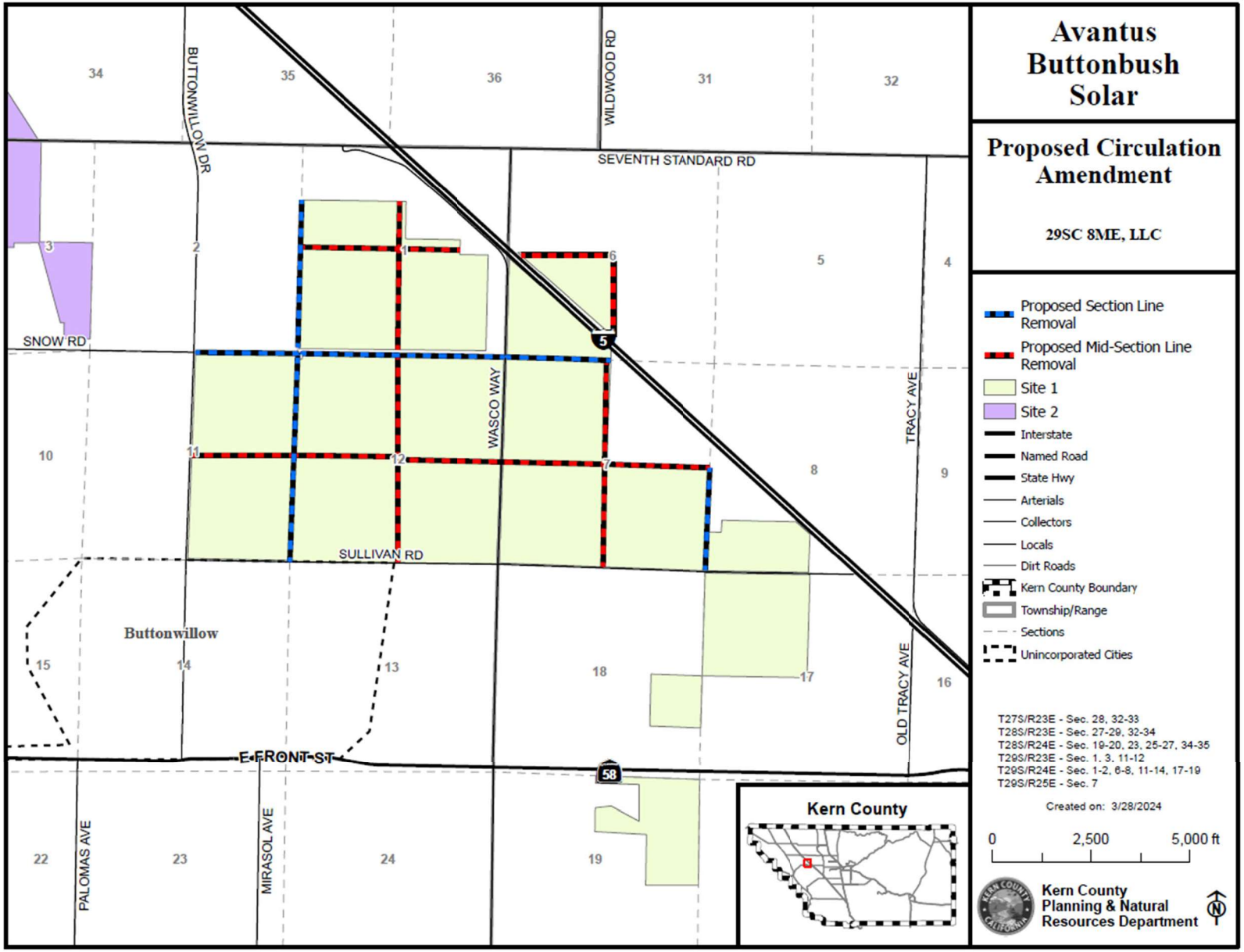


**Figure 6.b. Proposed Circulation Amendment**

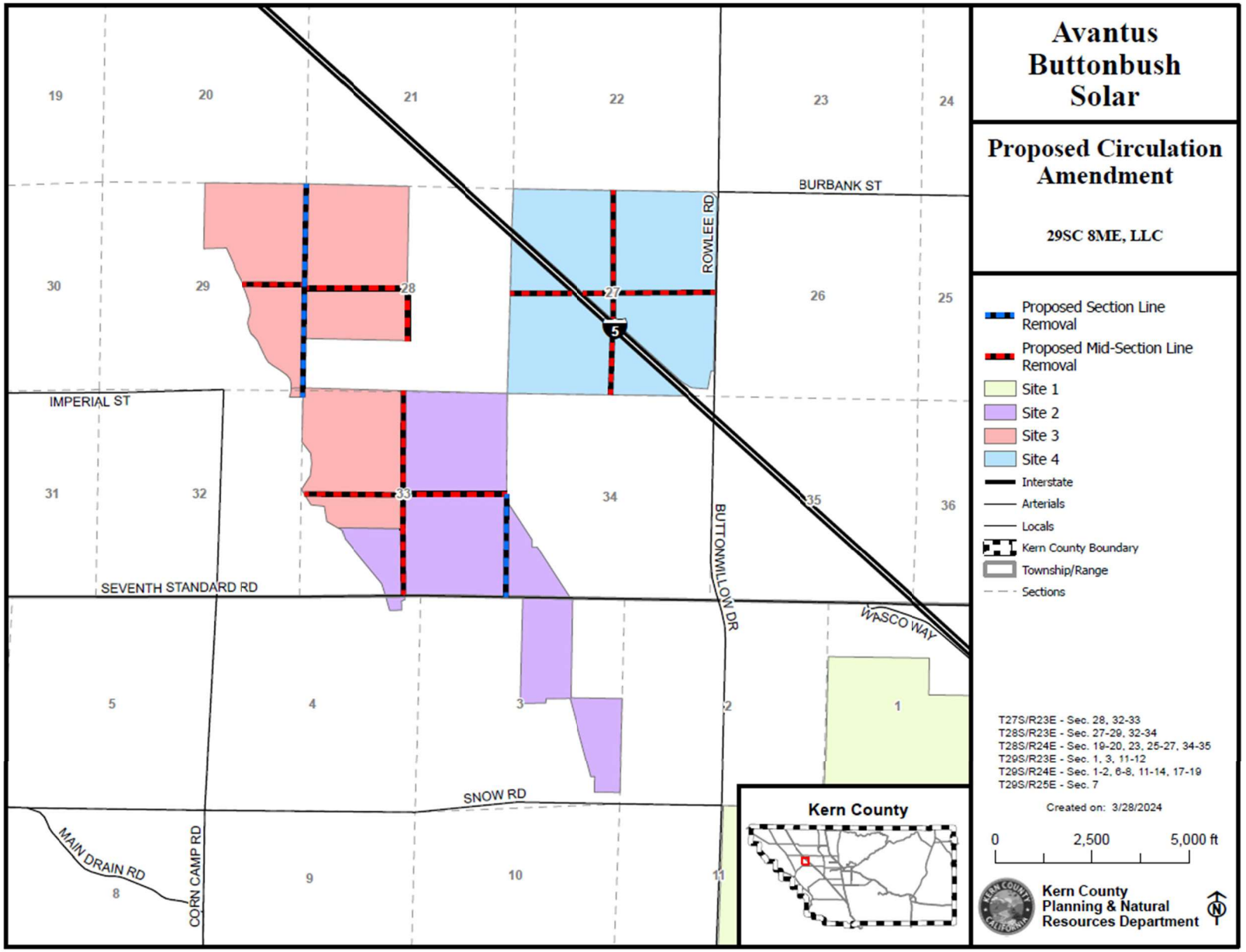


**Figure 6.c. Proposed Circulation Amendment**

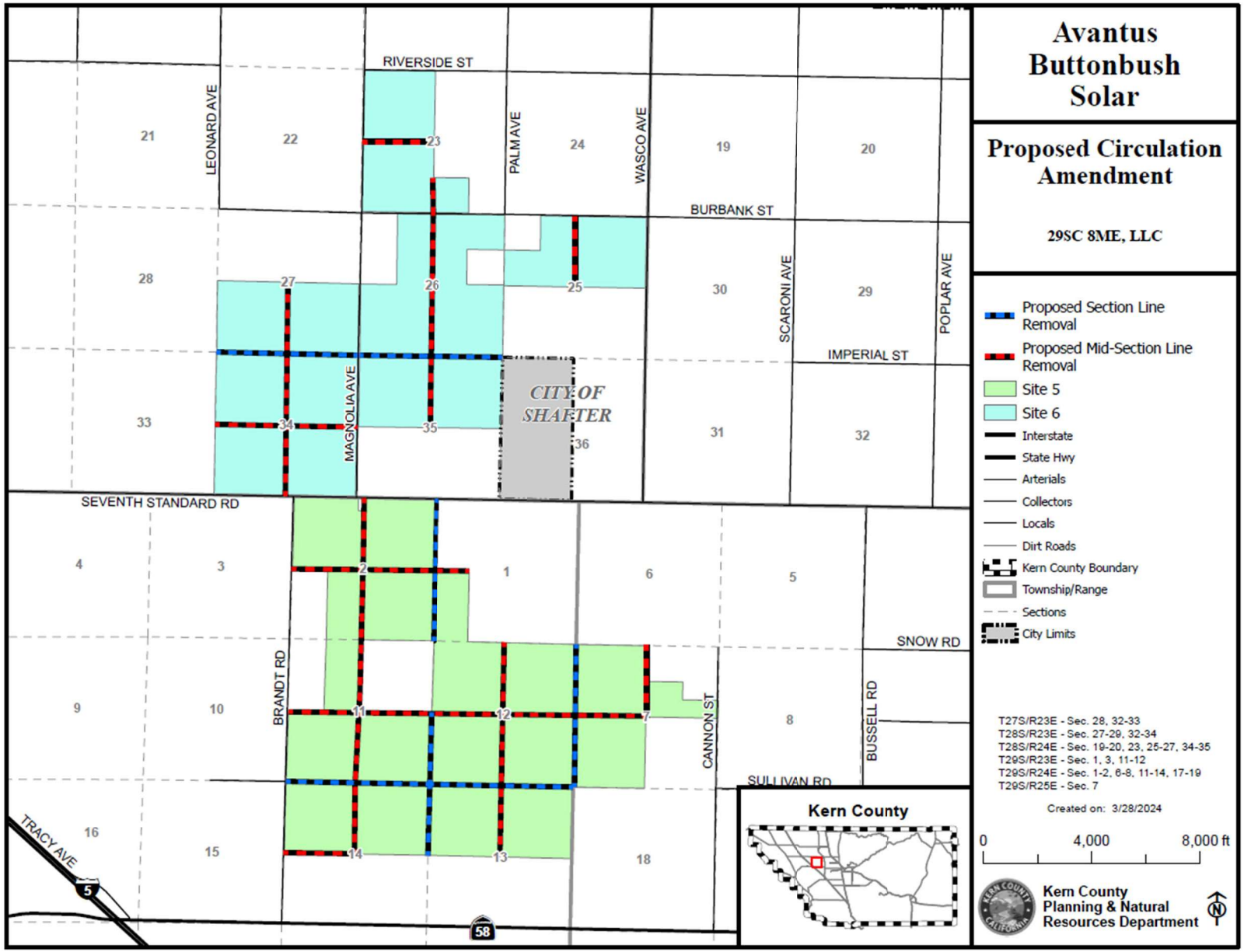


**Figure 6.d. Proposed Circulation Amendment**

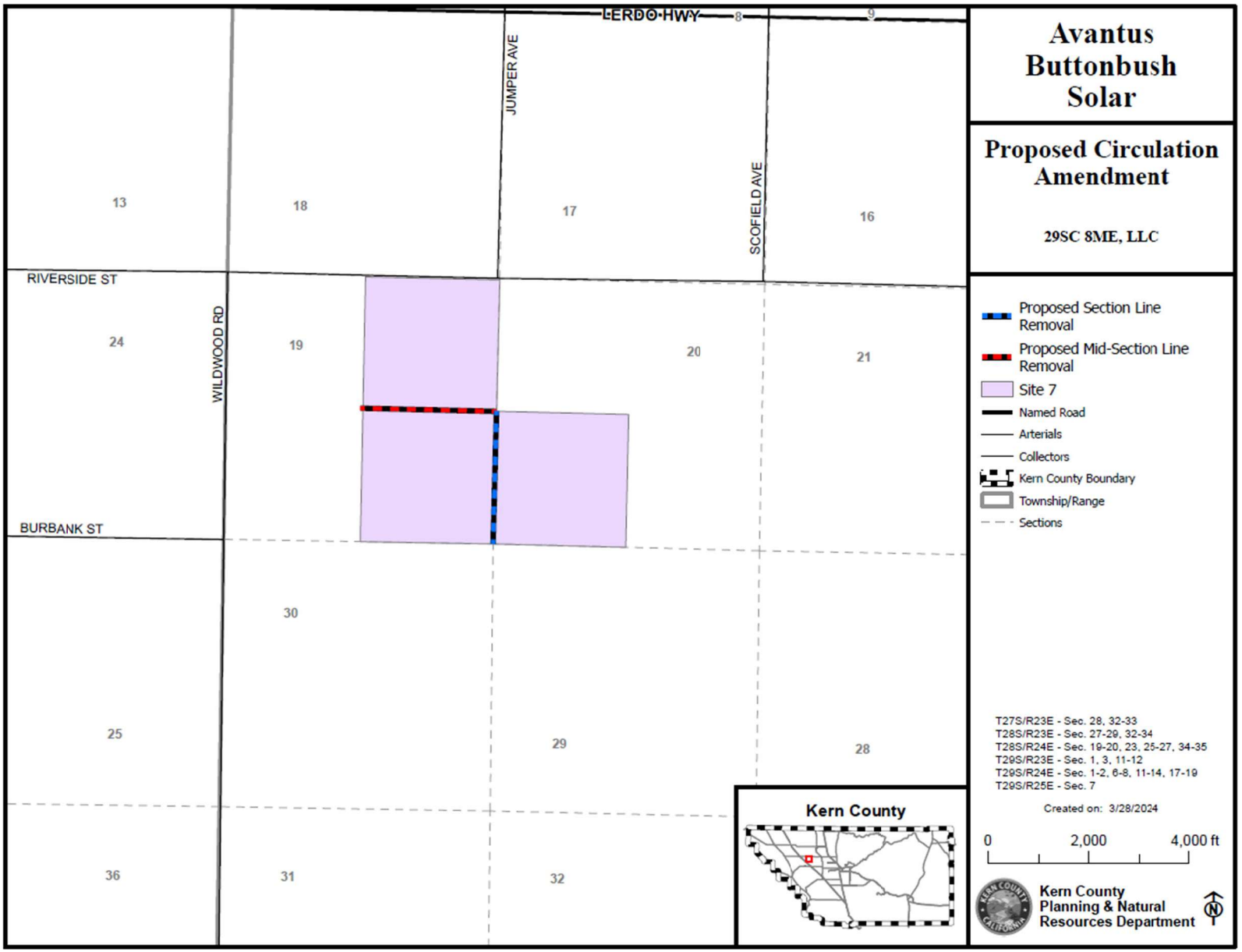


**Figure 6.e. Proposed Circulation Amendment**

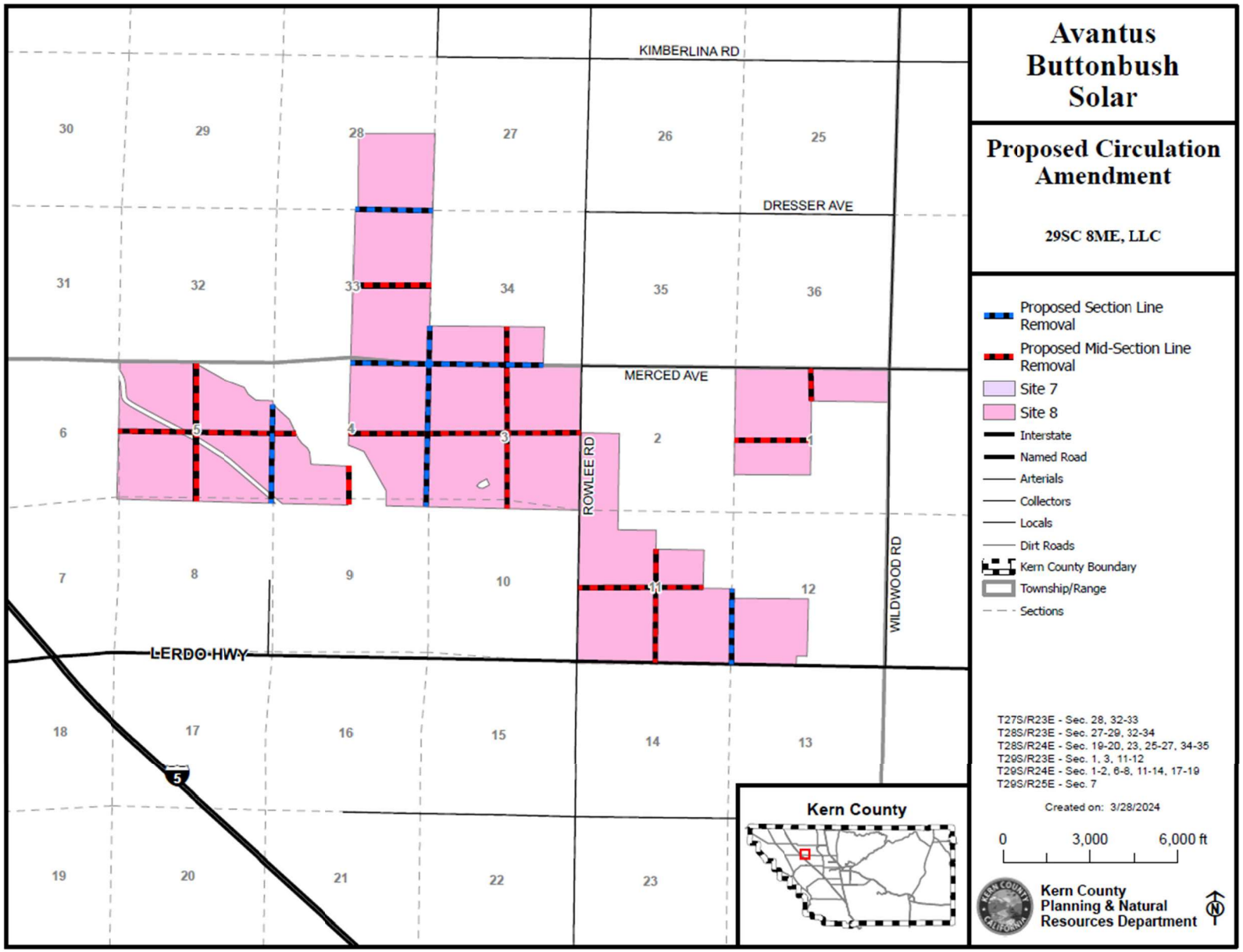


**Figure 7.a. Site Plan**

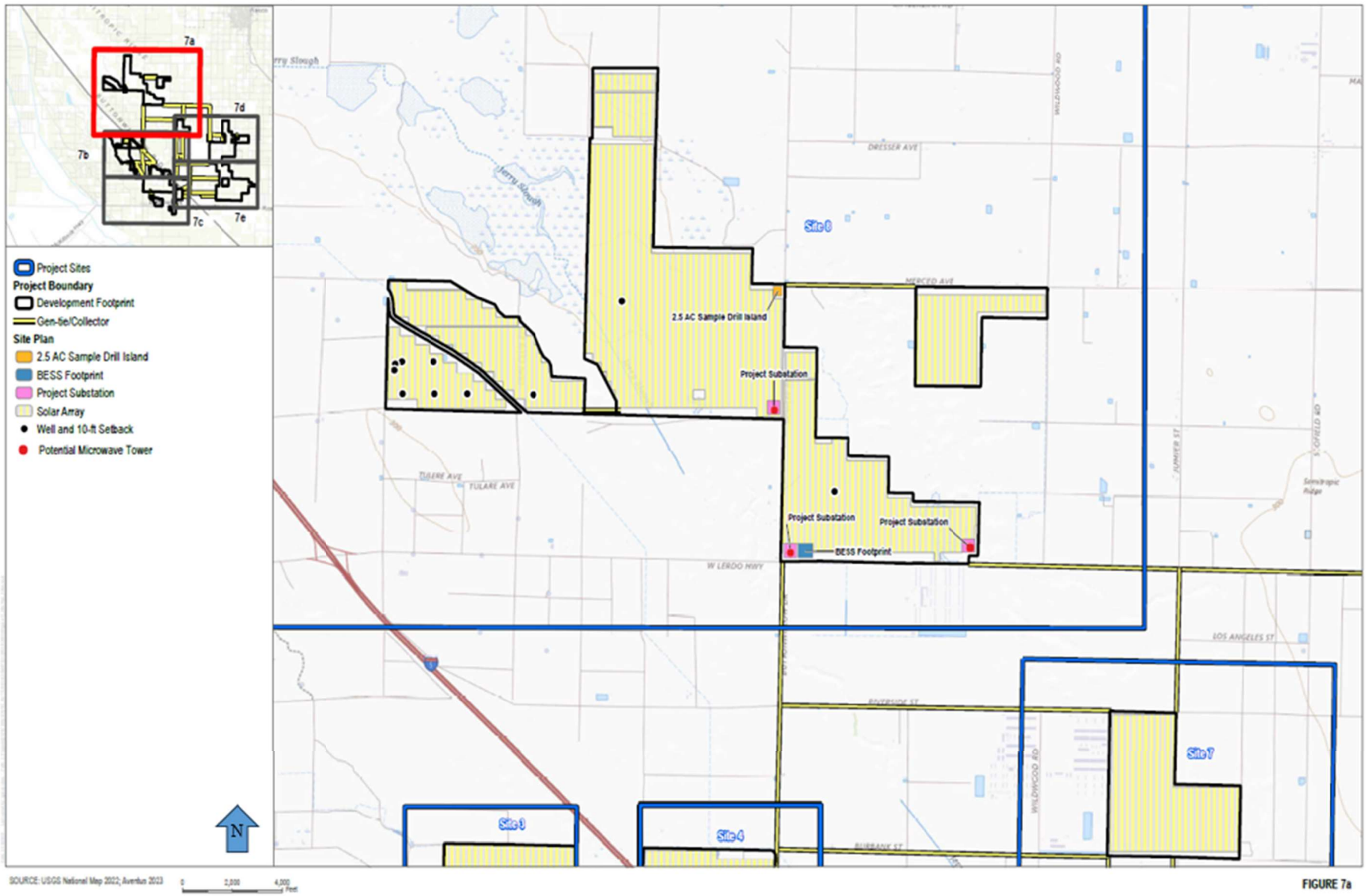


**Figure 7.b. Site Plan**

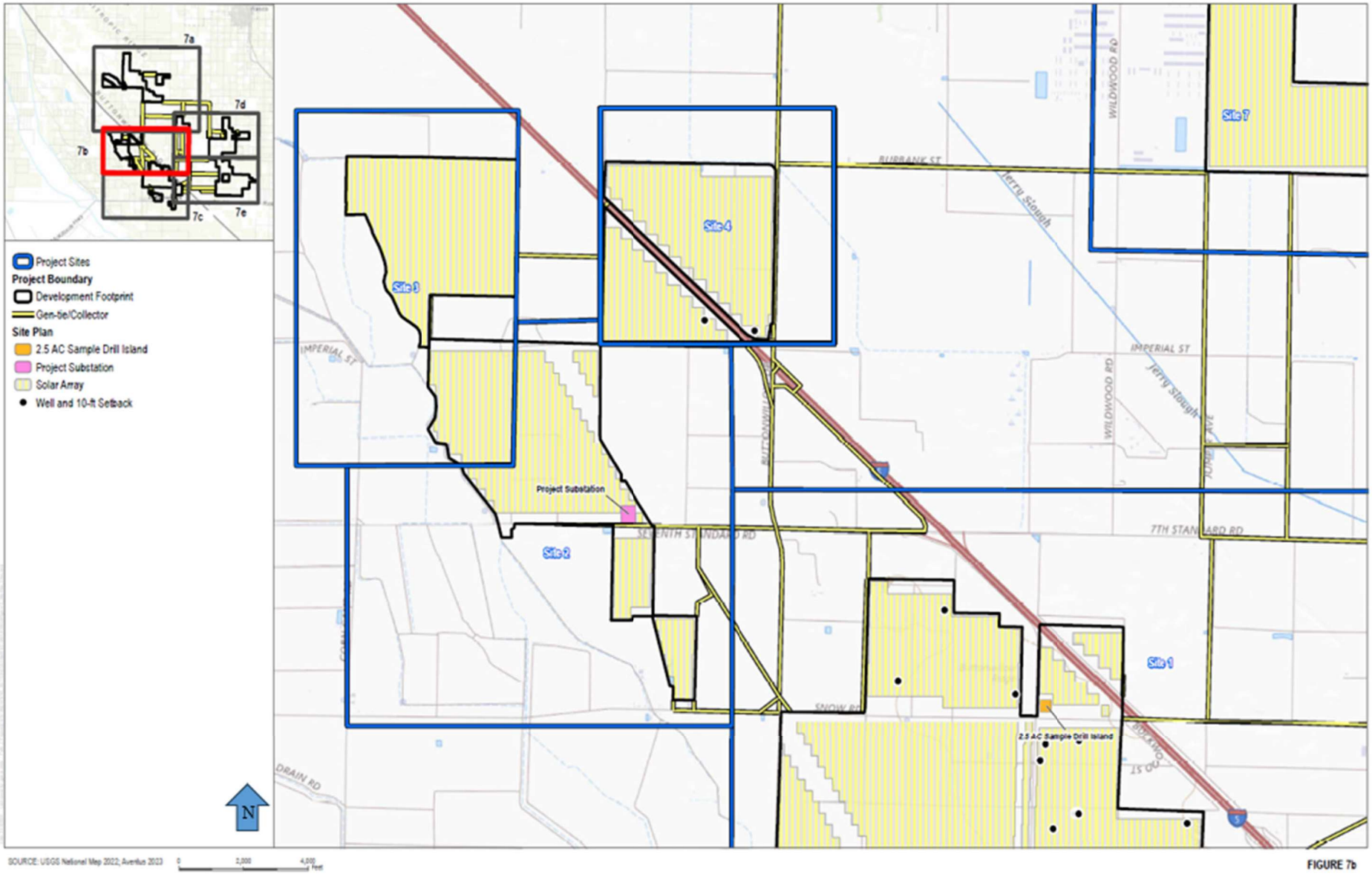


**Figure 7.c. Site Plan**

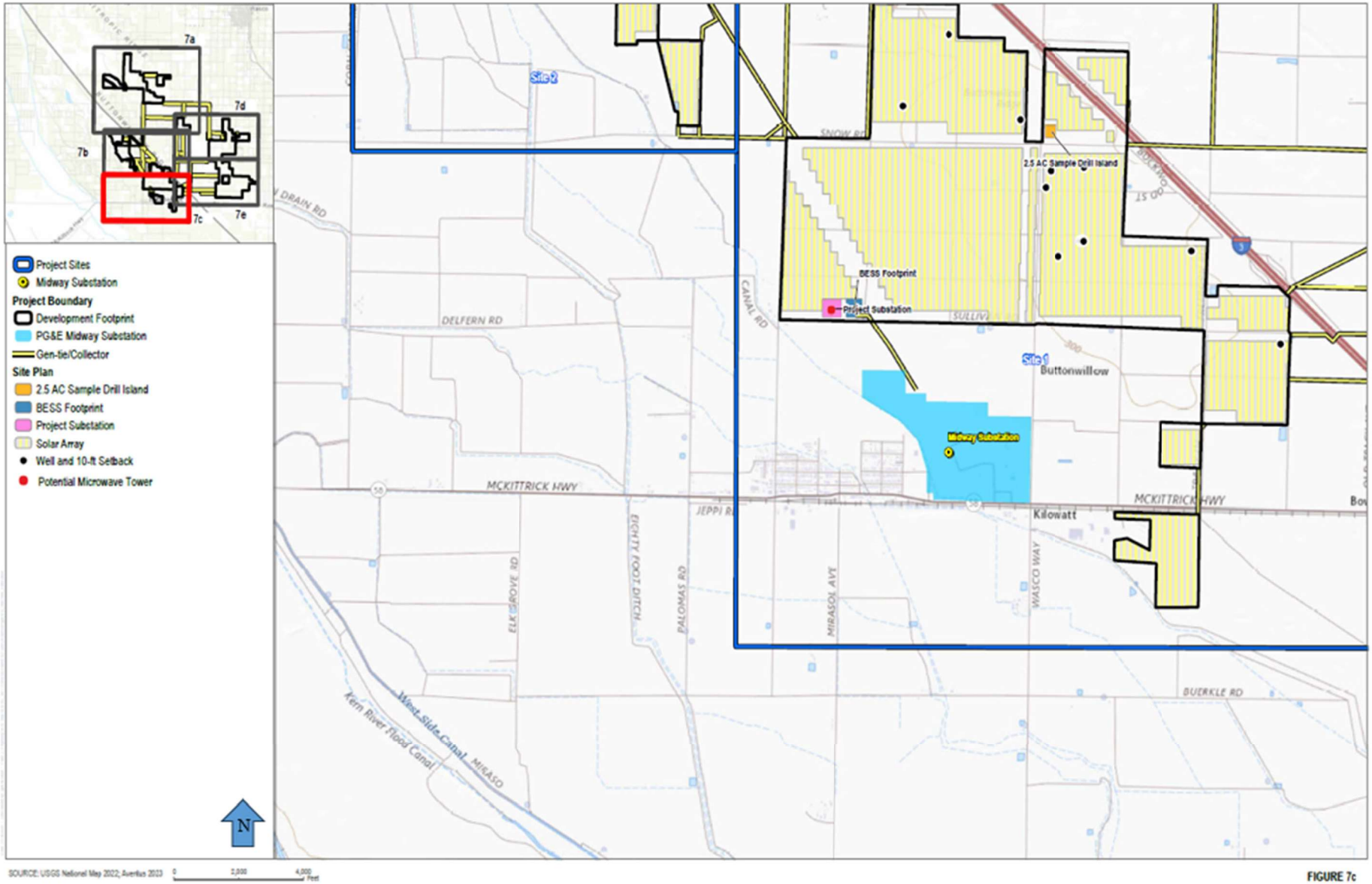


**Figure 7.d. Site Plan**

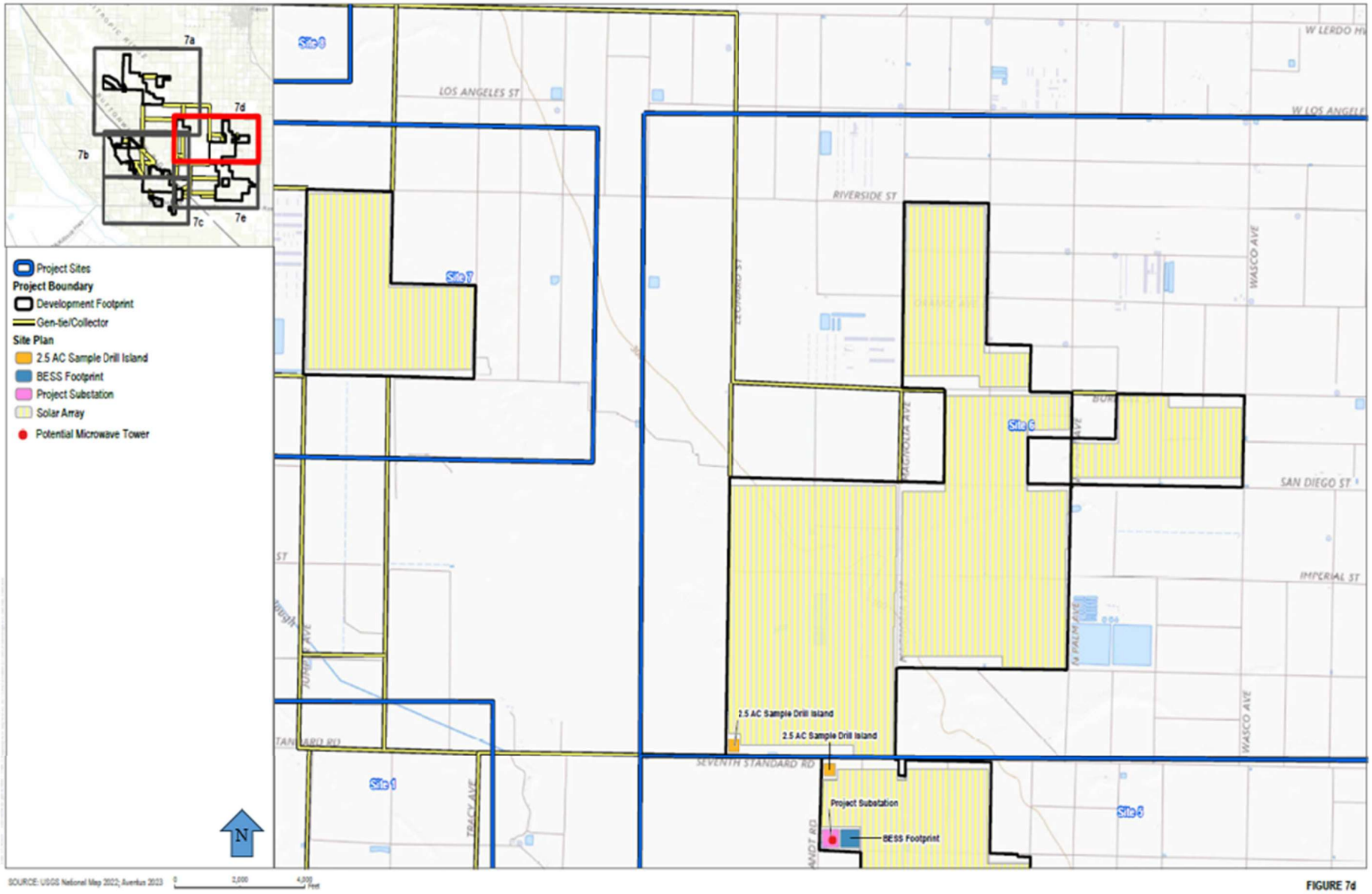


**Figure 7.e. Site Plan**

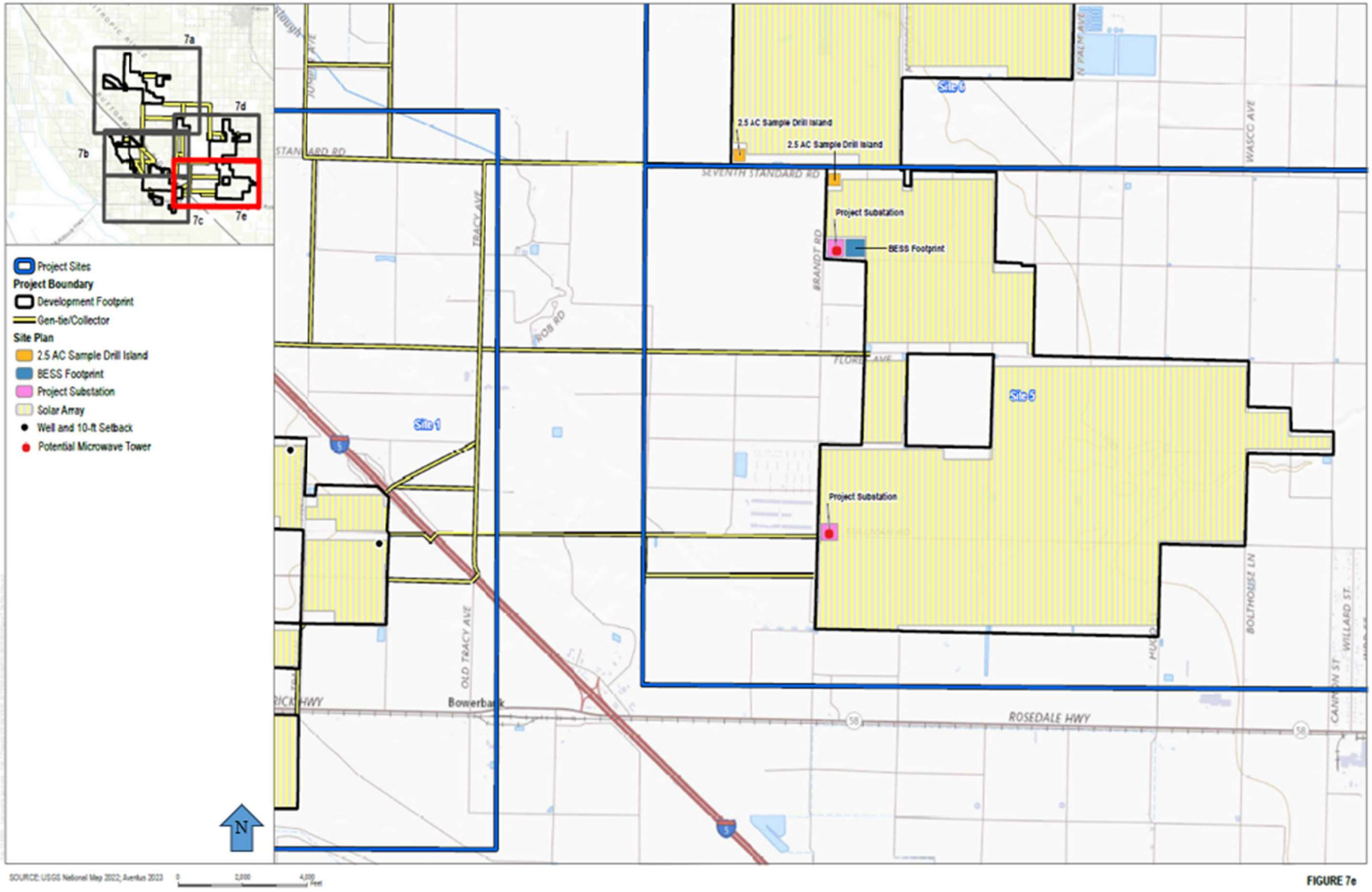


**Figure 8 Williamson Act Cancellations**

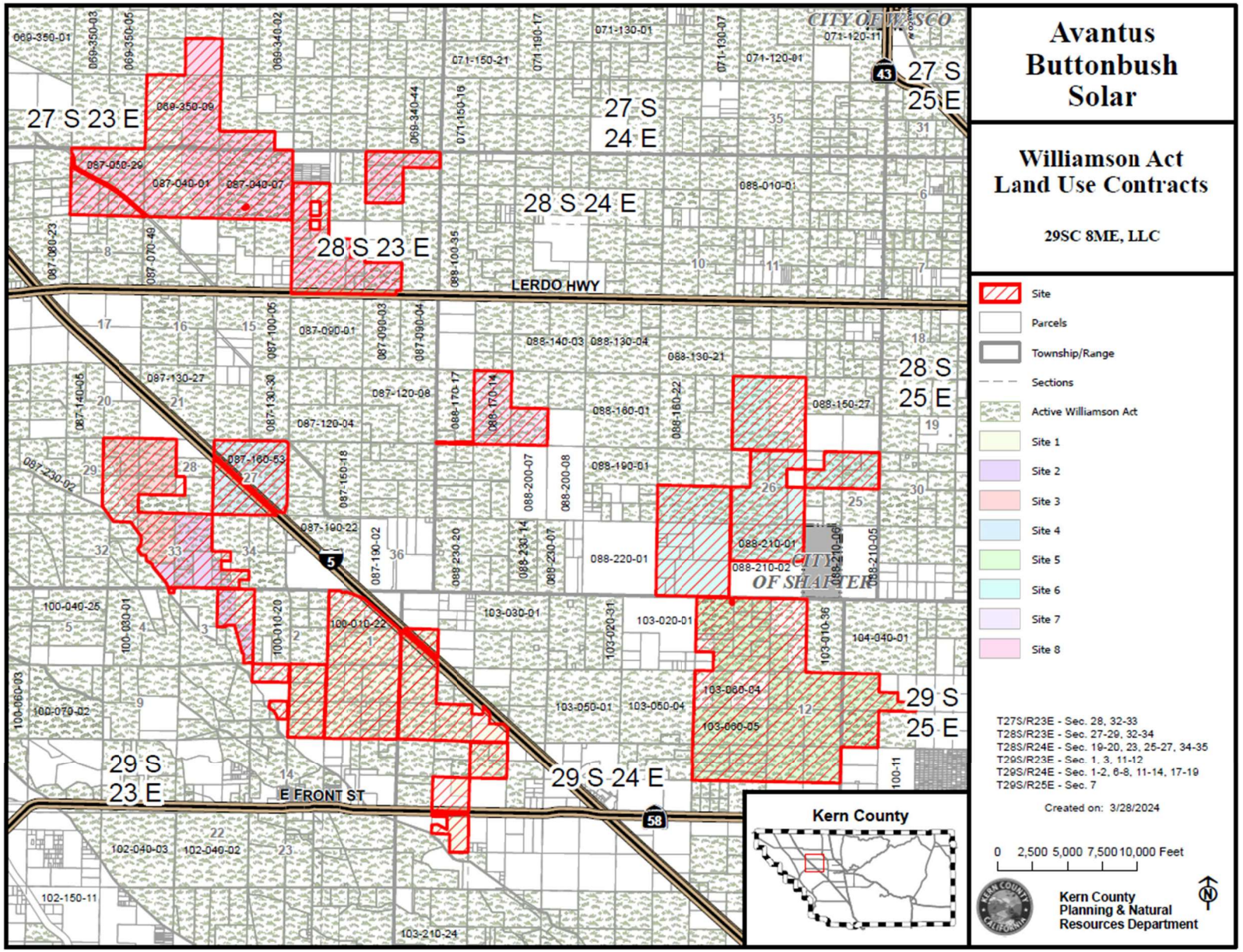
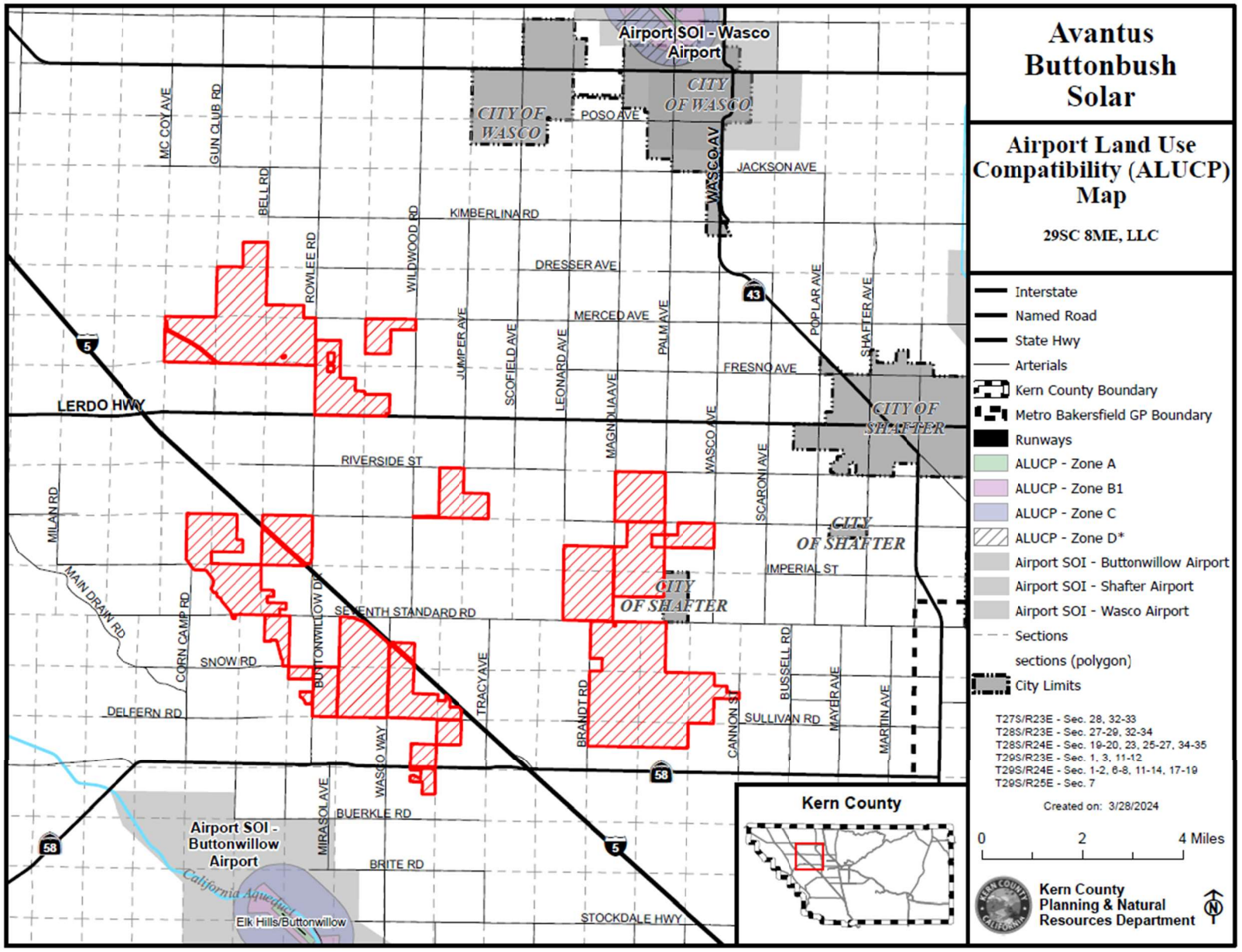


**Figure 9 ALUC**



**This page left blank intentionally.**

# 2. Kern County Environmental Checklist Form

## 2.1. Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "potentially significant impact" as indicated by the Kern County Environmental Checklist on the following pages.

| | | |
|---|---|---|
| ☒ Aesthetics | ☒ Agricultural and Forestry Resources | ☒ Air Quality |
| ☒ Biological Resources | ☒ Cultural Resources | ☒ Energy |
| ☒ Geology and Soils | ☒ Greenhouse Gas Emissions | ☒ Hazards and Hazardous Materials |
| ☒ Hydrology and Water Quality | ☒ Land Use and Planning | ☒ Mineral Resources |
| ☒ Noise | ☐ Population and Housing | ☒ Public Services |
| ☐ Recreation | ☒ Transportation and Traffic | ☒ Tribal Cultural Resources |
| ☒ Utilities/Service Systems | ☒ Wildfire | ☒ Mandatory Findings of Significance |

**Other Environmental Issues:**
The County conducted a preliminary review of the proposed Project and has determined it is not likely to result in significant environmental effects to the following resources. Therefore, further analysis is not warranted in the EIR.

**Population and Housing:** The proposed project would have temporary workers traveling to the project site during construction. It is estimated that up to 800 workers per day (during peak construction periods) would be required during construction of the proposed project. Construction workers are expected to travel to the site from various local communities and locations throughout Southern California, and few, if any workers expected to relocate to the surrounding area because of these temporary jobs. If temporary housing should be necessary, it is expected that accommodations (i.e., extended stay hotels, apartments, RV parks, homes for rent or sale) would be available in the nearby cities and communities of Bakersfield, Buttonwillow, Shafter, and Wasco. Therefore, the project is not anticipated to directly or indirectly induce the development of any new housing or businesses within the local communities. The finished facility It is expected that the proposed project could require an operational staff of up to 20 full-time employees. Due to the small number of full-time employees, it is anticipated that the local housing stock would be adequate to accommodate operations personnel should they relocate to the area, without requiring the need for the construction of new housing. The project would not directly or indirectly induce substantial unplanned population growth, and further analysis in the EIR is not warranted.

The proposed project site is located in an agricultural area and several single-family homes and agriculture-related structures are near the project boundary. One single-family home on APN 087-040-04 would be removed during project construction. Implementation of the proposed project would not displace a substantial number of existing people or housing. Therefore, no impacts would occur. No further analysis in the EIR would be required.

**Recreation:** It is estimated that up to 800 workers per day (during peak construction periods) would be required on site during construction of the proposed project. These workers would not have time to visit any local parks or recreation facilities during the workday. Further, few workers are expected to relocate to this area temporarily while the construction is underway, and there would be little or no impact on local recreational resources after work hours. Operation of the project would require approximately 20 employees, but they would likely be drawn from the local labor force and would commute from their existing permanent residences to the project site during those times. However, even if the employees were hired from out of the area and relocated to the San Joaquin Valley region of Kern County, the addition of any such families to the project area would not result in a substantial increase in the number of users at local parks or recreational facilities. As a result, there would not be a detectable increase in the use of existing neighborhood or regional parks or other recreational facilities. Therefore, no deterioration of any such facilities would occur with project implementation. Impacts would not occur, and no further analysis in the EIR is warranted.

The proposed project does not include or require the construction of new or expansion of existing recreational facilities, and there are no recreational facilities on the project site that would be affected. No impact would result, and no further analysis in the EIR is warranted.

## 2.2. Determination

(To be completed by the Lead Agency)

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☐ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☒ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect (a) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (b) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENT IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

| Signature | Date |
|---|---|
| Jamal Ferguson | Planner I |
| Printed Name | Title |

*This page left blank intentionally*

Appendix A.2

# Notice of Preparation Comments

*This page intentionally left blank.*

MAY 15, 2024

VIA EMAIL: FERGUSONJ@KERNCOUNTY.COM
KERN COUNTY PLANNING AND NATURAL RESOURCES DEPARTMENT
ATTN: JAMAL FERGUSON
2700 "M" STREET, SUITE 100
BAKERSFIELD, CA 93301

Dear Mr. Ferguson:

NOTICE OF PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE BUTTONBUSH SOLAR AND STORAGE PROJECT, SCH# 2024041028

The Department of Conservation's (Department) Division of Land Resource Protection (Division) has reviewed the Notice of Preparation of a Draft Environmental Impact Report for the Buttonbush Solar and Storage Project (Project).

The Division monitors and maps farmland conversion on a statewide basis, provides technical assistance regarding the Williamson Act, and administers various agricultural land conservation programs. Public Resources Code, section 614, subdivision (b) authorizes the Department to provide soil conservation advisory services to local governments, including review of CEQA documents.

Protection of the state's agricultural land resources is part of the Department's mission and central to many of its programs. The CEQA process gives the Department an opportunity to acknowledge the value of the resource, identify areas of Department interest, and offer information on how to assess potential impacts or mitigation opportunities.

The Department respects local decision-making by informing the CEQA process, and is not taking a position or providing legal or policy interpretation.

We offer the following comments for consideration with respect to the project's potential impacts on agricultural land and resources within the Department's purview.

PROJECT ATTRIBUTES

The proposed Buttonbush Solar and Storage Project is a photovoltaic solar facility with associated infrastructure necessary to generate up to 2 gigawatts of alternating current power with an up to 2 GW energy storage system. The project is located on 132 parcels across approximately 12,785 acres of privately owned land in the valley portion of Kern County.

The project would be supported by a 500-kV, overhead gen-tie and/or underground electrical transmission line(s) originating from one or more on-site substations and terminating at the Pacific Gas & Electric Midway Substation. The project's permanent facilities would include solar panels, solar racking, inverters, service roads, a power collection system, communication cables, overhead and underground transmission lines, electrical switchyards, project substations, energy storage system(s), and operations and maintenance facilities. The project contains Prime Farmland, Farmland of Statewide Importance, and Unique Farmland as designated by DOC's Farmland Mapping and Monitoring Program, and a portion of the project site is subject to a Williamson Act contract.

PROJECT CONSIDERATIONS

The conversion of agricultural land represents a permanent reduction and impact to California's agricultural land resources. The Department generally advises discussion of the following in any environmental review for the loss or conversion of agricultural land:

- Type, amount, and location of farmland conversion resulting directly and indirectly from implementation of the proposed project.
- Impacts on any current and future agricultural operations in the vicinity; e.g., land-use conflicts, increases in land values and taxes, loss of agricultural support infrastructure such as processing facilities, etc.
- Incremental impacts leading to cumulative impacts on agricultural land. This would include impacts from the proposed project, as well as impacts from past, current, and likely future projects.
- Proposed mitigation measures for impacted agricultural lands within the proposed project area.
- The project's compatibility with lands within an agricultural preserve and/or enrolled in a Williamson Act contract.

WILLIAMSON ACT

Where, as here, the project site is located on land subject to a Williamson Act contract, the Department advises that the environmental review discuss the compatibility of the project with the contract and local Williamson Act program requirements.

MITIGATING AGRICULTURAL LAND LOSS OR CONVERSION

Consistent with CEQA Guidelines, the Department advises that the environmental review address mitigation for the loss or conversion of agricultural land. An agricultural conservation easement is one potential method for mitigating loss or conversion of agricultural land. (*See* Cal. Code Regs., tit. 14, § 15370 [mitigation includes "compensating for the impact by replacing or providing substitute resources or environments, including through permanent protection of such resources in the form of conservation easements."]; *see also King and Gardiner Farms, LLC v. County of Kern* (2020) 45 Cal.App.5th 814.)

Mitigation through agricultural conservation easements can take at least two forms: the outright purchase of easements or the donation of mitigation fees to a local, regional, or statewide organization or agency whose purpose includes the acquisition and stewardship of agricultural easements. The conversion of agricultural land may be viewed as an impact of at least regional significance. Hence, the search for replacement lands may not need to be limited strictly to lands within the project's surrounding area. A helpful source for regional and statewide agricultural mitigation banks is the California Council of Land Trusts. They provide helpful insight into farmland mitigation policies and implementation strategies, including a guidebook with model policies and a model local ordinance. The guidebook can be found at:

California Council of Land Trusts

Of course, the use of conservation easements is only one form of mitigation, and the Department urges consideration of any other feasible measures necessary to mitigate project impacts.

Thank you for giving us the opportunity to comment on the Notice of Preparation of a Draft Environmental Impact Report for the Buttonbush Solar and Storage Project. Please provide the Department with notices of any future hearing dates as well as any staff reports pertaining to this project. If you have any questions regarding our comments, please contact Farl Grundy, Associate Environmental Planner via email at Farl.Grundy@conservation.ca.gov.

Sincerely,

Monique Wilber

Monique Wilber

Conservation Program Support Supervisor

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6

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*

May 31, 2024

Jamal Ferguson
Kern County Planning and Natural Resources Department
2700 M St., Suite 100
Bakersfield, California 93301
Fergusonj@kerncounty.com

**Subject: Buttonbush Solar by 29SC 8ME LLC (Project)**
**Notice of Preparation (NOP)**
**SCH No.: 2024041028**

Dear Jamal Ferguson:

The California Department of Fish and Wildlife (CDFW) received a NOP from Kern County for the above-referenced Project pursuant to the California Environmental Quality Act (CEQA) and CEQA Guidelines.[1]

Thank you for the opportunity to provide comments and recommendations regarding those activities involved in the Project that may affect California fish and wildlife. Likewise, CDFW appreciates the opportunity to provide comments regarding those aspects of the Project that CDFW, by law, may be required to carry out or approve through the exercise of its own regulatory authority under Fish and Game Code. While the comment period may have ended, CDFW respectfully requests that Kern County still consider our comments.

## CDFW ROLE

CDFW is California's **Trustee Agency** for fish and wildlife resources and holds those resources in trust by statue 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

[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: 077E388D-0AAF-435D-B766-2812353DE8D6



projects and related activities that have the potential to adversely affect fish and wildlife resources.

CDFW is also submitting comments as a **Responsible Agency** under CEQA (Pub. Resources Code, § 21069; CEQA Guidelines, § 15381). CDFW expects that it may need to exercise regulatory authority as provided by the Fish and Game Code. As proposed, for example, the Project may be subject to CDFW's lake and streambed alteration regulatory authority (Fish & G. Code, § 1600 et seq.). Likewise, to the extent implementation of the Project as proposed may result in "take" as defined by State law of any species protected under the California Endangered Species Act (CESA) (Fish & G. Code, § 2050 et seq.), related authorization as provided by the Fish and Game Code may be required.

**CDFW Ecological Reserve:** Fish and Game Code section 1583 states "Except in accordance with the regulations of the commission it is unlawful to enter upon any ecological reserves established under the provisions of the article, or to take therein any bird or the nest or eggs thereof, or any mammal, fish, mollusks, crustaceans, amphibia, reptiles or any other form of plant or animal life." In addition, California Code of Regulations, Title 14, Section 630 states "All ecological reserves are maintained for the primary purpose of developing a statewide program for protection of rare, threatened, or endangered native plants, wildlife, aquatic organisms, and specialized terrestrial or aquatic habitat types", and therefore, any other activity on these lands is restricted.

**Fully Protected Species:** CDFW has jurisdiction over fully protected species of birds, mammals, amphibians and reptiles, and fish, pursuant to Fish and Game Code sections 3511, 4700, 5050, and 5515. Fully protected species may not be taken or possessed at any time and no licenses or permits may be issued for their take except as follows:

> Take is for necessary scientific research,
>
> Efforts to recover a fully protected, endangered, or threatened species, live capture, and relocation of a bird species for the protection of livestock, or
>
> They are a covered species whose conservation and management is provided for in a Natural Community Conservation Plan (Fish & G. Code, §§ 3511, 4700, 5050, & 5515)

Additionally, specified types of infrastructure projects may be eligible for an Incidental Take Permit (ITP) for unavoidable impacts to fully protected species if certain conditions are met (see Fish & G. Code §2081.15). Project proponents should consult with CDFW early in the project planning process if an ITP may be pursued for the Project.

**Nesting Birds:** CDFW has jurisdiction over actions with potential to result in the disturbance or destruction of active nest sites or the unauthorized take of birds. Fish

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



and Game Code sections that protect birds, their eggs and nests include, sections 3503 (regarding unlawful take, possession or needless destruction of the nest or eggs of any bird), 3503.5 (regarding the take, possession or destruction of any birds-of-prey or their nests or eggs), and 3513 (regarding unlawful take of any migratory nongame bird).

**Unlisted Species:** Species of plants and animals need not be officially listed as Endangered, Rare, or Threatened (E, R, or T) on any State or federal list to be considered E, R, or T under CEQA. If a species can be shown to meet the criteria for E, R, or T, as specified in the CEQA Guidelines section 15380, CDFW recommends it be fully considered in the environmental analysis for the Project.

## PROJECT DESCRIPTION SUMMARY

**Proponent:** 29SC 8me, LLC

**Objective:** The proposed Buttonbush Solar and Storage Project is a photovoltaic (PV) solar facility with associated infrastructure necessary to generate up to 2 gigawatts (GW) of alternating current (AC) power with an up to 2 GW energy storage system. The Project would be supported by a 500-kilovolt (kV), overhead gen-tie and/or underground electrical transmission line(s) originating from one or more on-site substations and terminating at the Pacific Gas & Electric (PG&E) Midway Substation. The Project's permanent facilities would include solar panels, solar racking, inverters, service roads, a power collection system, communication cables, overhead and underground transmission lines, electrical switchyards, Project substations, energy storage system(s), and operations and maintenance (O&M) facilities.

**Location:** The Project is located on 132 parcels across approximately 12,785 acres of privately owned land in the valley portion of Kern County. The Project site straddles Interstate Highway 5 (I-5), is east of Buttonwillow Raceway Park, just north of Highway 58, and south of Kimberlina Road, with the majority of the site being on the northeastern side of I-5. The eastern section of the Project site is approximately six (6) miles west of the City of Shafter, while the northern section is approximately 5.5 miles southwest of the City of Wasco. The southern section of the Project site has I-5 running through its northern edge and its southern edge is within the Buttonwillow Community Development Plan. The Project is within the Mount Diablo Base and Meridian (MDB&M).

**Timeline:** The construction period is expected to commence as early as the third quarter of 2025 and would extend for up to 60 months.

## COMMENTS AND RECOMMENDATIONS

CDFW offers the following comments and recommendations to assist Kern County in adequately identifying and/or mitigating the Project's significant, or potentially significant, direct and indirect impacts on fish and wildlife (biological) resources.

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



Editorial comments or other suggestions may also be included to improve the CEQA document prepared for this Project.

**Proximity of Buttonwillow Ecological Reserve**

CDFW would like to note that while the majority of Project facilities appear to have been sited in disturbed agricultural lands that reduces the potential for potential impacts to biological resources, several Project parcels are in close proximity to CDFW's Buttonwillow Ecological Reserve (Buttonwillow ER). The Buttonwillow ER provides habitat for a number of State and federal special-status species and increases the likelihood that special-status species could utilize the habitats within the Project site over the life of the Project.

CDFW recommends that Project facilities be sited to avoid the Buttonwillow ER to the extent feasible and that a sufficient buffer be incorporated between the Project site perimeter and the Buttonwillow ER parcels. The proximity of the Project site to the Buttonwillow ER also necessitates that the Project facilities and components be permeable to wildlife. As such, CDFW recommends all Project perimeter fencing be designed to allow for passage of wildlife. Perimeter fencing should be installed with a four (4) to six (6) inch gap from the bottom of the fencing material and knuckled back to form a smooth edge and allow permeability for wildlife.

Finally, the location and size of the Project site, as well as the need to mitigate for potential impacts to biological resources, will likely require the need for the conservation of offsite lands to compensate for impacts associated with the Project. CDFW recommends that any offsite land acquisition and preservation be focused on natural habitats adjacent to the Project site and Buttonwillow ER and that land acquisition be prioritized within areas that enhance the connectivity of the Buttonwillow ER to other conserved and natural lands such as the Lokern Ecological Reserve and Elk Hills Conservation Easement.

**Special-status Species**

Based on a review of the Project description, a review of California Natural Diversity Database (CNDDB) records, and the surrounding habitat, the Project site is within the geographic range of several special status animal species including, but not limited to, the State and federally endangered giant kangaroo rat (*Dipodomys ingens*), the State threatened San Joaquin [Nelson's] antelope squirrel (*Ammospermophilus nelsoni*), the State threatened and federally endangered San Joaquin kit fox (*Vulpes macrotis mutica)*, the State and federally endangered Tipton kangaroo rat (*Dipodomys nitratoides nitratoides)*, the State threatened Swainson's hawk (*Buteo swainsoni*) and tricolored blackbird (*Agelaius tricolor*), the state and federally endangered blunt-nosed leopard lizard (*Gambelia sila),* the State candidate endangered Crotch's bumblebee (*Bombus crotchii)*, the State Species of Special Concern American badger (*Taxidea taxus)*, the

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



State species of special concern and federally endangered Buena Vista Lake ornate shrew (*Sorex ornatus relictus*), the State species of special concern San Joaquin pocket mouse (*Perognathus inornatus)*, Tulare grasshopper mouse (*Onychomys torridus tularensis)*, burrowing owl (*Athene cunnicularia*), loggerhead shrike (*Lanius ludovicianus)*, Northern harrier (*Circus cyaneus)*, Blainville's horned lizard (*Phrynosoma coronatum blainsvillii),* and San Joaquin coachwhip (*Masticophis flagellum*), and the federally proposed threatened and State species of special concern western spadefoot toad (*Spea hammondii*).

Additionally, the Project site is within the geographic range of several special status plant species including, but not limited to, the State and federally endangered and California Rare Plant Rank CRPR 1B.1 California jewelflower (*Caulanthus californicus*), and the CRPR1B.2 and federally endangered Kern mallow (*Eremalche parryi ssp. kernensis*) and San Joaquin woollythreads (*Monolopia congdonii*). Finally, the Project is within the geographic range of many migratory and non-migratory nesting birds.

In order to support the adequate assessment of potential impacts to biological resources in the Draft Environmental Impact Report (DEIR), CDFW recommends that a qualified biologist perform database and other research of the Project site and vicinity, then conduct focused habitat assessments and/or focused biological surveys during the appropriate survey period(s) in order to determine whether any special-status species may be present within the Project site.

CDFW recommends this initial work be documented within the DEIR and used to inform further efforts that may be needed thereafter including the need for additional protocol surveys and/or the development of avoidance, minimization, and/or mitigation measures. This information and analysis may then be used in the DEIR to consider the development of modified or new Project alternatives to avoid and minimize potentially significant environmental impacts on the biological environment. This information is critical to make an informed decision during the CEQA process and to ensure Project compliance with CESA, Fish and Game code, and other applicable State and federal laws and regulations.

**Giant kangaroo rat and Tipton kangaroo rat**

The Project site is within the known geographic range of giant kangaroo rat (GKR) and Tipton kangaroo rat (TKR) and TKR is known to occur within the Buttonwillow ER. Suitable TKR habitat includes areas of grassland, upland scrub, and alkali sink habitats that contain requisite habitat elements, such as small mammal burrows. Suitable GKR habitat includes grassland and scrub communities with sandy-loam soils and gentle slopes vegetated with annual grasses and scattered shrubs. Based on a review of aerial imagery, portions of the Project site may contain habitat for GKR and TKR. In order to determine if GKR and TKR currently occupy the Project site, CDFW recommends that a qualified biologist conduct a habitat assessment for GKR and TKR within the Project

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



site and vicinity as part of the biological studies conducted in support of the DEIR. CDFW also recommends that focused protocol-level live trapping surveys be conducted in areas of suitable habitat and that a trapping plan for determining presence of GKR and TKR be submitted to and approved by CDFW prior to subsequent trapping efforts. The trapping plan should also follow the U.S Fish and Wildlife Service (USFWS) (2013) "Survey Protocol for Determining Presence of San Joaquin Kangaroo Rats" survey protocol. In addition to conducting a habitat assessment and focused GKR and TKR surveys, CDFW recommends the DEIR include the following measures:

**Recommended Mitigation Measure 1: GKR and TKR Consultation**

CDFW recommends that consultation with CDFW occur to discuss how to implement the Project and avoid take over the life of the Project, specifically within the portions of the Project that are adjacent to habitats with known occurrences of TKR (e.g., Buttonwillow ER). If take cannot be avoided, take authorization through the acquisition of an ITP, pursuant to Fish and Game Code section 2081 subdivision (b) is necessary to comply with CESA.

**San Joaquin Antelope Squirrel**

The Project site is within the known geographic range of San Joaquin antelope squirrel (SJAS) and the species is known to occur within the Buttonwillow ER. Suitable habitat for SJAS includes areas of grassland, upland scrub, and alkali sink habitats that contain requisite habitat elements, such as small mammal burrows. Based on a review of aerial imagery, portions of the Project site may contain habitat for SJAS. In order to determine if SJAS currently occupy the Project site, CDFW recommends that a qualified biologist conduct a habitat assessment for SJAS within the Project site as part of the biological studies conducted in support of the DEIR. If suitable habitat is determined to be present, CDFW recommends that a qualified biologist conduct focused daytime visual surveys for SJAS in areas of suitable habitat as part of the biological studies conducted in support of the DEIR. In addition to conducting a habitat assessment and focused SJAS surveys, CDFW recommends the DEIR include the following measures:

**Recommended Mitigation Measure 2: SJAS Consultation**

CDFW recommends that consultation with CDFW occur to discuss how to implement the Project and avoid take over the life of the Project, specifically within the portions of the Project that are adjacent to habitats with known occurrences of SJAS (e.g., Buttonwillow ER). If take cannot be avoided, take authorization through the acquisition of an ITP, pursuant to Fish and Game Code section 2081 subdivision (b) is necessary to comply with CESA.

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



**San Joaquin Kit Fox**

The Project site is within the known geographic range of San Joaquin kit fox (SJKF) and the species is known to occur within the Buttonwillow ER and surrounding area. SJKF den in a variety of areas such as arid grassland and alkali scrub/shrub habitats in open areas with sandy soils (Grinnel et al. 1937), agricultural and fallow/ruderal habitat, and dry stream channels, and populations can fluctuate over time. SJKF may be attracted to Project sites due to the type and level of ground disturbing activities and the loose, friable soils resulting from intensive ground disturbance. Based on aerial imagery and the information provided in the NOP, most of the Project site contains suitable habitat for SJKF denning and foraging.

As SJKF have a high potential to den and/or forage within the Project site and have been documented within the Project footprint, CDFW recommends that a qualified biologist assess the presence/absence of SJKF by conducting focused surveys to detect SJKF and their sign in all Project sites and a 500-foot buffer of Project sites as part of the biological studies conducted in support of the DEIR. In addition to the focused SJKF surveys, CDFW recommends the DEIR include the following measures:

**Recommended Mitigation Measure 3: SJKF Avoidance Buffer**

CDFW recommends implementing no-disturbance buffers, as described in the USFWS' "Standardized Recommendations for Protection of the San Joaquin Kit Fox Prior to or During Ground Disturbance" (2011) (USFWS Protocol) around potentially suitable or known SJKF den sites.

**Recommended Mitigation Measure 4: SJKF Take Authorization**

As there is a high likelihood that SJKF will utilize the Project site over the life of the Project, CDFW strongly recommends the Project proponent pursue take authorization through the acquisition of an ITP, pursuant to Fish and Game Code section 2081 subdivision (b) to comply with CESA.

**Recommended Mitigation Measure 5: SJKF Fencing**

CDFW recommends that all fencing installed on the perimeter of the solar Project be designed to allow for passage of SJKF their prey and other wildlife, while impeding the passage of larger predators such as coyotes and similar species. Perimeter fencing should be installed with a four (4) to six (6) inch gap from the bottom of the fencing material and knuckled back to form a smooth edge and allow permeability for wildlife.

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



**Swainson's hawk**

The Project is within the known geographic range of Swainson's hawk (SWHA), and historic and recent occurrences have been documented within the vicinity of the Project site (CDFW 2024). SWHA are known to breed within the Central Valley of California and prefer to nest and forage in alfalfa, fallow fields, field crops, and grassland habitats with a sufficient source of small mammals (CDFG 1994). Based on aerial imagery and the information provided in the NOP, most of the Project site contains suitable habitat for SWHA foraging. In addition, there are trees and structures located within the vicinity of the Project site that may provide suitable nesting habitat.

As SWHA have a high potential to use the Project site and have been documented within the Project vicinity, CDFW recommends that a qualified wildlife biologist conduct surveys for nesting SWHA following the entire survey methodology developed by the SWHA Technical Advisory Committee (SWHA TAC 2000) as part of the biological technical studies conducted in support of the DEIR.

In addition to conducting SWHA surveys, CDFW recommends the DEIR include the following measures:

**Recommended Mitigation Measure 6: SWHA Surveys Prior to Construction**

Depending on the time between the initial survey efforts conducted in support of the DEIR and Project construction, CDFW recommends that additional surveys, following the survey methodology developed by the SWHA Technical Advisory Committee, be repeated the survey season immediately prior to construction.

**Recommended Mitigation Measure 7: SWHA Avoidance Buffer**

If Project-specific activities will take place during the SWHA nesting season (i.e., March 1 through September 15), and active SWHA nests are present, CDFW recommends a minimum ½-mile no-disturbance buffer be delineated and maintained around each nest, regardless of whether it was detected by surveys or observed incidentally. These buffers would remain in place until the breeding season has ended or until a qualified biologist has determined that the birds have fledged and are no longer reliant upon the nest or parental care for survival, to prevent nest abandonment and other take of SWHA as a result of Project activities.

**Recommended Mitigation Measure 8: SWHA Take Authorization**

CDFW also recommends that in the event an active SWHA nest is detected, and a ½-mile no-disturbance buffer is not feasible, consultation with CDFW is warranted to discuss how to implement the Project and avoid take. If take cannot be avoided, take

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



authorization through the acquisition of an ITP, pursuant to Fish and Game Code section 2081 subdivision (b) is necessary to comply with CESA.

**Recommended Mitigation Measure 9: SWHA Foraging Habitat Mitigation**

Finally, CDFW recommends compensation for the loss of SWHA foraging habitat as described in CDFW's "Staff Report Regarding Mitigation for Impacts to Swainson's Hawks" (CDFG 1994) to reduce impacts to foraging habitat to less than significant. The Staff Report recommends that mitigation for habitat loss occur within a minimum distance of 10 miles from known nest sites. CDFW has the following recommendations based on the Staff Report:

- For projects within 1 mile of an active nest tree, a minimum of 1 acre of habitat management (HM) land for each acre of development is advised.
- For projects within 5 miles of an active nest but greater than 1 mile, a minimum of ¾ acre of HM land for each acre of development is advised.
- For projects within 10 miles of an active nest tree but greater than 5 miles from an active nest tree, a minimum of ½ acre of HM land for each acre of development is advised.

**Tricolored Blackbird**

The Project site is within the known geographic range of tricolored blackbird (TRBL). TRBL breed within the vicinity of fresh water, primarily in marshy areas. Important sites for nesting colonies include heavy growths of cattails, tules, thistles, willows, blackberries, mustard, nettles, and salt cedar. They typically forage within flooded lands, grassy fields, and margins of ponds (Grinnel and Miller, 1944). Based on aerial imagery and the information provided in the NOP, portions of the Project site could provide potential foraging and nesting habitat for TRBL.

CDFW recommends that a qualified biologist conduct a habitat assessment as part of the biological technical studies conducted in support of the DEIR. If potentially suitable habitat is identified, consultation with CDFW is recommended for guidance on focused survey methods and mitigation measures such avoidance, minimization, and mitigation.

**Blunt-nosed Leopard Lizard**

The Project site is within the known geographic range of blunt-nosed leopard lizard (BNLL) and the species is known to occur within the Buttonwillow ER. Suitable BNLL habitat includes all areas of grassland and shrub habitat that contains required habitat elements, such as small mammal burrows and open areas for basking. BNLL are also known to utilize open space patches between suitable habitat features including disturbed sites and unpaved access roadways. Based on aerial imagery and the

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



information provided in the NOP, portions of the Project site may contain suitable habitat for BNLL.

As BNLL have the potential to occupy the Project site and have been documented within Buttonwillow ER, CDFW recommends that a qualified biologist conduct focused protocol surveys in accordance with the "Approved Survey Methodology for the Blunt-nosed Leopard Lizard" (CDFW 2019) as part of as part of the biological technical studies conducted in support of the DEIR. This survey protocol, designed to optimize BNLL detectability, reasonably assures CDFW that ground disturbance will not result in take of this fully protected species.

In addition to conducting BNLL surveys, CDFW recommends the DEIR include the following measures:

**Recommended Mitigation Measure 10: BNLL Consultation**

CDFW recommends that consultation with CDFW occur to discuss how to implement the Project and avoid take over the life of the Project, specifically within the portions of the Project that are adjacent to habitats with known occurrences of BNLL (e.g., Buttonwillow ER). With the passage of Senate Bill No. 147, the incidental take of BNLL may be authorized for certain categories of projects, including industrial solar photovoltaic projects. If take cannot be avoided, the potential to pursue an ITP pursuant Fish and Game Code section 2081 subdivision (b) will be discussed during the consultation process.

**Crotch's bumblebee**

The Project site is within the known geographic range of Crotch's bumble bee (CBB) and historical occurrences have been documented east and west of the Project site (CDFW 2024). CBB was once common throughout most of central and southern California. CBB are known to inhabit areas of grasslands and scrub that contain requisite habitat elements for nesting, such as small mammal burrows and bunch/thatched grasses. CBB was once common throughout most of central and southern California. However, it now appears to be absent from most of their range, especially in the central portion of its historic range within California's Central Valley (Hatfield et al. 2015). Analyses by the Xerces Society et al. (2018) suggest there have been sharp declines in relative abundance by 98% and persistence by 80% over the last ten years.

CDFW recommends a qualified biologist conduct a habitat assessment to determine if the Project site and the immediate surrounding vicinity contain habitat suitable to support CBB. Potential nesting sites, which include all small mammal burrows, perennial bunch grasses, thatched annual grasses, brush piles, old bird nests, dead trees, and hollow logs would need to be documented as part of the assessment. If potentially suitable habitat is identified, CDFW recommends that a qualified biologist

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



conduct focused surveys for CBB, and their requisite habitat features following the methodology outlined in the Survey Considerations for California Endangered Species Act Candidate Bumble Bee Species (CDFW 2023). If surveys indicate the presence or potential presence of CBB, consultation with the CDFW is recommended for guidance on the development of mitigation measures such as take avoidance, minimization, and mitigation.

**American Badger**

The Project site is within the geographic range of American Badger (AMBA) and the species is known to occur within the Buttonwillow ER. AMBA occupy sparsely vegetated land cover with dry, friable soils to excavate dens, which they use for cover, and that support fossorial rodent prey populations (i.e., ground squirrels, pocket gophers, etc.). As AMBA have the potential to den and/or forage within the Project site, CDFW recommends that a qualified biologist assess the presence/absence of AMBA by conducting a focused field survey in all areas of potentially suitable habitat as part of the biological studies conducted in support of the DEIR. If surveys indicate the presence or potential presence of AMBA, consultation with the CDFW is recommended for guidance on mitigation measures such as avoidance, minimization, and mitigation.

**Burrowing owl**

The Project site is within the known geographic range of burrowing owl (BUOW) and there are multiple historic and recent occurrences located adjacent to the Project site (CDFW 2024) BUOW inhabit open grasslands and desert scrublands containing small mammal burrows, a requisite habitat feature used by BUOW for nesting and cover. Based on aerial imagery and the information provided in the NOP, most of the Project site contains suitable habitat for BUOW nesting and foraging.

As BUOW have the potential to nest and/or forage within the Project site, CDFW recommends assessing presence/absence of BUOW by having a qualified biologist conduct surveys following the California Burrowing Owl Consortium's (CBOC) "Burrowing Owl Survey Protocol and Mitigation Guidelines" (CBOC 1993) and CDFW's "Staff Report on Burrowing Owl Mitigation" (CDFG 2012) as part of the biological studies conducted in support of the DEIR.

In addition to conducting BUOW surveys, CDFW recommends the DEIR include the following measures:

**Recommended Mitigation Measure 11: BUOW Surveys Prior to Construction**

Depending on the time between the initial survey efforts conducted in support of the DEIR and Project construction, CDFW recommends that additional surveys, following the "Burrowing Owl Survey Protocol and Mitigation Guidelines" (CBOC

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



1993) and CDFW's "Staff Report on Burrowing Owl Mitigation" (CDFG 2012) be repeated the survey season immediately prior to construction.

**Recommended Mitigation Measure 12: BUOW Avoidance Buffer**

Should a BUOW be detected, CDFW recommends that no-disturbance buffers, as outlined in the "Staff Report on Burrowing Owl Mitigation" (CDFG 2012), be implemented prior to and during any ground-disturbing activities. Specifically, CDFW's Staff Report recommends that impacts to occupied burrows be avoided in accordance with the following table unless a qualified biologist approved by CDFW verifies through non-invasive methods that either: 1) the birds have not begun egg laying and incubation; or 2) that juveniles from the occupied burrows are foraging independently and are capable of independent survival.

| Location | Time of Year | Level of Disturbance | | |
|---|---|---|---|---|
| | | Low | Med | High |
| Nesting sites | April 1-Aug 15 | 200 m* | 500 m | 500 m |
| Nesting sites | Aug 16-Oct 15 | 200 m | 200 m | 500 m |
| Nesting sites | Oct 16-Mar 31 | 50 m | 100 m | 500 m |

* meters (m)

**Recommended Mitigation Measure 13: BUOW Consultation**

If BUOW are found within these recommended buffers and avoidance is not possible, consultation with the CDFW is recommended for guidance on the development of mitigation measures such as take avoidance, minimization, and mitigation.

**Other State Species of Special Concern**

The Project site is adjacent to the CDFW-owned and managed Buttonwillow ER and also within the known geographic range of the Buena Vista Lake ornate shrew, San Joaquin pocket mouse, Tulare grasshopper mouse, Blainville's horned lizard, San Joaquin coachwhip, and western spadefoot, and, to evaluate Project-related impacts to these species, CDFW recommends that a general habitat assessment be conducted as part of the biological technical studies conducted in support of the DEIR.

**Special Status Plant Species**

The Project site is within the known geographic range of several special status plant species including California jewelflower, Kern mallow, and San Joaquin woollythreads, and these species were documented historically within the Project vicinity (CDFW

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



2024). The Project site may contain suitable habitat for special status plant species, including the species mentioned above.

CDFW recommends that the Project site(s) be surveyed for special status plants within areas of suitable habitat by a qualified botanist following the "Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities" (CDFW 2018) as part of the biological technical studies conducted in support of the DEIR. This protocol, which is intended to maximize detectability, includes the identification of reference populations to facilitate the likelihood of field investigations occurring during the appropriate floristic period. If surveys indicate the presence or potential presence of special status plants, consultation with CDFW is recommended for guidance on mitigation measures such as avoidance, minimization, and mitigation.

**Editorial Comments and/or Suggestions**

**Federally Listed Species:** CDFW recommends consulting with USFWS regarding potential impacts to federally listed species including, but not limited to, GKR, SJKF, TKR, BNLL, Buena Vista Lake ornate shrew, California jewelflower, Kern Mallow, and San Joaquin woollythreads. Take under the Federal Endangered Species Act (FESA) is more broadly defined than CESA; take under FESA also includes significant habitat modification or degradation that could result in death or injury to a listed species by interfering with essential behavioral patterns such as breeding, foraging, or nesting. Consultation with the USFWS in order to comply with FESA is advised well in advance of any Project activities.

**Lake and Streambed Alteration:** Project activities that substantially change the bed, bank, and channel of any river, stream, or lake are subject to CDFW's regulatory authority pursuant Fish and Game Code section 1600 et seq. Fish and Game Code section 1602 requires an entity to notify CDFW prior to commencing any activity that may (a) substantially divert or obstruct the natural flow of any river, stream, or lake; (b) substantially change or use any material from the bed, bank, or channel of any river, stream, or lake (including the removal of riparian vegetation): (c) deposit debris, waste or other materials that could pass into any river, stream, or lake. "Any river, stream, or lake" includes those that are ephemeral or intermittent as well as those that are perennial and may include those that are highly modified such as canals and retention basins.

CDFW is required to comply with CEQA in the issuance of a Lake or Streambed Alteration Agreement (LSAA); therefore, if the CEQA document approved for the Project does not adequately describe the Project and its impacts to lakes or streams, a subsequent CEQA analysis may be necessary for LSAA issuance. For information on notification requirements, please refer to CDFW's website (https://wildlife.ca.gov/Conservation/LSA) or contact CDFW staff in the Central Region Lake and Streambed Alteration Program at (559) 243-4593.

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



**Nesting birds:** CDFW encourages that Project ground-disturbing activities occur during the bird non-nesting season; however, if ground-disturbing or vegetation-disturbing activities must occur during the nesting season (February 1st through September 15th), the Project applicant is responsible for ensuring that implementation of the Project does not result in violation of the Migratory Bird Treaty Act or relevant Fish and Game Code sections as referenced above.

To evaluate Project-related impacts on nesting birds, CDFW recommends that a general habitat assessment for nesting birds, including loggerhead shrike and northern harrier, be conducted as part of the biological technical studies conducted in support of the CEQA document. Depending on the results of that assessment, CDFW further recommends that the CEQA document for this Project include that a qualified biologist conduct a pre-construction survey for active nests no more than 10 days prior to the start of ground or vegetation disturbance to maximize the probability that nests that could potentially be impacted are detected. CDFW also recommends that surveys cover a sufficient area around the Project site to identify nests and determine their status. A sufficient area means any area potentially affected, either directly or indirectly, by the Project. In addition to direct impacts (i.e., nest destruction), noise, vibration, and movement of workers or equipment could also affect nests. CDFW recommends that a qualified biologist establish a behavioral baseline of all identified nests. Once Project activities begin, CDFW recommends having a qualified biologist continuously monitor nests to detect behavioral changes resulting from the Project. If behavioral changes occur, CDFW recommends halting the work causing that change and consulting with CDFW for additional avoidance and minimization measures.

If continuous monitoring of identified nests by a qualified biologist is not feasible, CDFW recommends a minimum no-disturbance buffer of 250 feet around active nests of non-listed bird species and a 500-foot no-disturbance buffer around active nests of non-listed raptors. These buffers are advised to remain in place until the breeding season has ended or until a qualified biologist has determined the birds have fledged and are no longer reliant upon the nest or on-site parental care for survival. Variance from these no-disturbance buffers is possible when there is a compelling biological or ecological reason to do so, such as when the Project site would be concealed from a nest site by topography. CDFW recommends that a qualified wildlife biologist advise and support any variance from these buffers and notify CDFW in advance of implementing a variance.

**California Natural Diversity Database:** Please note that the CNDDB is populated by records through voluntary submissions of species detections. As a result, species may be present in locations not depicted in the CNDDB but where there is suitable habitat features capable of supporting species. A lack of an occurrence record in the CNDDB does not mean a species is not present. In order to adequately assess any potential Project-related impacts to biological resources, surveys conducted by a qualified biologist during the appropriate survey period(s) using the appropriate protocol survey

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



methodology are warranted in order to determine whether or not any special status species are present at or near the Project site.

**CDFW Ecological Reserve:** Several of the Project parcels surround the Buttonwillow ER, which provides habitat for federal, and State listed species as well as many special status species.

In addition to consultation with CDFW's Regional CESA staff, CDFW recommends consultation with CDFW's Regional Ecological Reserve Management Unit staff well in advance of Project initiation to demonstrate accurate delineation of property boundaries to prevent inadvertent encroachment on CDFW-owned lands. Consultation is also recommended to discuss planned ingress and egress to the Project site for the purposes of avoiding impacts on CDFW-owned lands, which is prohibited by Title 14 California Code of Regulations § 630. Please contact John Battistoni, Regional Ecological Reserve Management Unit Supervisor, at the address on the letterhead above or via email at John.Battistoni@wildlife.ca.gov.

**Artificial Lighting:** Installation of outdoor artificial night lighting can disrupt the circadian rhythms of many wildlife species. Many species use photoperiod cues for communication, determining when to begin foraging, thermoregulation behavior, and migration (Longcore and Rich 2004, Miller 2006, Nightingale et al. 2006, Perry et al. 2008, Stone et al. 2009). Phototaxis, a phenomenon which results in attraction and movement towards light, can disorient, entrap, and temporarily blind wildlife species that experience it (Longcore and Rich 2004). Project activities could result in disruption of wildlife behavior, inadvertent injury, or mortality.

CDFW recommends that the DEIR for the Project include an analysis of artificial lighting as it relates to biological resources and incorporate enforceable mitigation measures to decrease the impacts of artificial outdoor lighting on wildlife species. Potentially feasible mitigation measures include motion sensitive lighting; mounting light fixtures as low as possible to minimize light trespass; use of light fittings that direct and confine the spread of light downward; and use of long-wavelength light sources. In addition, CDFW recommends that lighting is not installed in ecologically sensitive areas (e.g., streams, wetlands, and habitat used by special status species, such as nesting/roosting sites and riparian corridors) and the use of the white/blue wavelengths of the light spectrum be avoided.

**Wildlife Movement and Connectivity:** The Project site and vicinity supports significant biological resources and contains habitat connections and supports movement across the broader landscape, sustaining both transitory and permanent wildlife populations. CDFW recommends that on-site features that contribute to habitat connectivity should be evaluated and maintained. Aspects of the Project that could create physical barriers to wildlife movement, including direct or indirect Project-related activities, should be identified, and addressed in the DEIR.

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



**Project Alternatives Analysis:** CDFW recommends that the information and results obtained from the biological technical surveys, studies, and analysis conducted in support of the Project's DEIR be used to develop and modify the Project's alternatives to avoid and minimize impacts to biological resources to the maximum extent possible. When efforts to avoid and minimize have been exhausted, CDFW advises that remaining impacts to sensitive biological resources be mitigated to reduce impacts to a less than significant level, if feasible.

**Cumulative Impacts:** CDFW recommends that a cumulative impact analysis be conducted 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). Cumulative impacts are recommended to be analyzed using an acceptable methodology to evaluate the impacts of past, present, and reasonably foreseeable future projects on resources and be focused specifically on the resource, not the Project. An appropriate resource study area should also be identified and mapped for each resource being analyzed and utilized for this analysis. CDFW recommends closely evaluating the need for a cumulative impacts analysis for the following species as part of the DEIR due to these species being in poor or declining health or at risk: GKR, SJAS, SJKF, TKR, SWHA, TRBL, BNLL, CBB, AMBA, Buena Vista Lake ornate shrew, San Joaquin pocket mouse, Tulare grasshopper mouse, BUOW, loggerhead shrike, northern harrier, Blainville's horned lizard, San Joaquin coachwhip, western spadefoot, California jewelflower, Kern mallow, and San Joaquin woollythreads. CDFW staff is available for consultation in support of cumulative impacts analyses as a trustee and responsible agency under CEQA.

## ENVIRONMENTAL DATA

CEQA requires that information developed in environmental impact reports and negative declarations be incorporated into a database, which may be used to make subsequent or supplemental environmental determinations (Pub. Resources Code, § 21003, subd. (e)). Accordingly, please report any special-status species and natural communities detected during Project surveys to the CNDDB. The CNDDB field survey form can be found at the following link: https://www.wildlife.ca.gov/Data/CNDDB/Submitting-Data. The completed form can be mailed electronically to CNDDB at the following email address: CNDDB@wildlife.ca.gov. The types of information reported to CNDDB can be found at the following link: https://www.wildlife.ca.gov/Data/CNDDB/Plants-and-Animals.

## FILING FEES

The Project, as proposed, would have an impact on fish and/or wildlife, and assessment of filing fees is necessary. Fees are payable upon filing of the Notice of Determination

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



by the Lead Agency and serve to help defray the cost of environmental review by CDFW. Payment of the fee is required in order for the underlying project approval to be operative, vested, and final (Cal. Code Regs, tit. 14, § 753.5; Fish & G. Code, § 711.4; Pub. Resources Code, § 21089).

**CONCLUSION**

CDFW appreciates the opportunity to comment to assist Kern County in identifying and mitigating Project impacts on biological resources. Please see the enclosed Mitigation Monitoring and Reporting Program (MMRP) table which corresponds with recommended mitigation measures in this comment letter. If you have any questions, please contact Ren Cotter, Environmental Scientist, at the address provided on this letterhead, by telephone at (559) 767-0956, or by electronic mail at Ren.Cotter@wildlife.ca.gov.

Sincerely,

DocuSigned by:
Julie Vance
FA83F09FE08945A...

Julie A. Vance
Regional Manager

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

U.S. Fish and Wildlife Service
Justin_Sloan@fws.gov

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



## REFERENCES

California Burrowing Owl Consortium. 1993. Burrowing owl survey protocol and mitigation guidelines. Pages 171-177 *in* Lincer, J. and K. Steenhof (editors). 1993. The burrowing owl, its biology and management. Raptor Research Report Number 9.

California Department of Fish and Game. 1994. Staff report regarding mitigation for impacts to Swainson's hawks (*Buteo Swainsoni*) in the Central Valley of California. Sacramento, California, USA.

California Department of Fish and Game. 2012. Staff report on burrowing owl mitigation. Sacramento, California, USA.

California Department of Fish and Wildlife. 2018. Protocols for surveying and evaluating impacts to special status native plant populations and sensitive natural communities. Sacramento, California, USA.

California Department of Fish and Wildlife. 2019. Approved survey methodology for the blunt-nosed leopard lizard. Sacramento, California, USA.

California Department of Fish and Wildlife. 2023. Survey considerations for California endangered species act candidate bumble bee species. Sacramento, California, USA.

California Department of Fish and Wildlife. 2024. Biogeographic information and observation system (BIOS). https://www.wildlife.ca.gov/Data/BIOS. Accessed 8 May 2024.

Grinnell, J., J. Dixon, and J. Linsdale. 1937. Fur-bearing mammals of California. University of California Press. Berkeley, California. 777 pages.

Grinnell, J., and A. Miller. 1944. The distribution of the birds of California. Pacific Coast Avifauna 27.

Hatfield, R., S. Jepsen, R. Thorp, L. Richardson, and S. Colla. 2015. *Bombus crotchii*. The IUCN Red List of Threatened Species. The Xerces Society for Invertebrate Conservation, Portland, OR, USA.

Longcore, T., and C. Rich. 2004. Ecological light pollution - Review. Frontiers in Ecology and the Environment, 2:191–198.

Miller, M. 2006. Apparent effects of light pollution on singing behavior of American robins. The Condor, 108:130–139.

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



Nightingale, B., T. Longcore, and C. Simenstad. 2006. Artificial night lighting and fishes. Pages 257–276 *in* C. Rich and T. Longcore, editors. Ecological consequences of artificial light at night. Island Press, Washington, D.C., USA.

Perry, G., B. Buchanan, R. Fisher, M. Salmon, and S. Wise. 2008. Effects of night lighting on urban reptiles and amphibians. Chapter 16 in: Urban Herpetology: Ecology, Conservation and Management of Amphibians and Reptiles in Urban and Suburban Environments. J. C. Mitchell, R. E. Jung Brown and B. Bartholomew (ed.). Herpetological Conservation, 3:211-228.

Stone, E., G. Jones, and S. Harris. 2009. Street lighting disturbs commuting bats. Current Biology, 19:1123–1127.

Swainson's hawk technical advisory committee (SWHA TAC). 2000. Recommended timing and methodology for Swainson's hawk nesting surveys in the central valley of California. Swainson's Hawk Technical Advisory Committee.

U. S. Fish and Wildlife Service. 2011. Standard Recommendations for the Protection of the San Joaquin Kit Fox Prior to or During Ground Disturbance. U.S. Fish and Wildlife Service, Sacramento Fish and Wildlife Office, Sacramento, California.

U.S. Fish and Wildlife Service. 2013. Survey protocol for determining presence of San Joaquin kangaroo rats. U.S. Fish and Wildlife Service, Sacramento Fish and Wildlife Office, Sacramento, California.

Xerces Society for Invertebrate Conservation, Defenders of Wildlife, and Center for Food Safety. 2018. A petition to the state of California fish and game commission to list the Crotch bumble bee (*Bombus crotchii*), Franklin's bumble bee (*Bombus franklini*), Suckley cuckoo bumble bee (*Bombus suckleyi*), and western bumble bee (*Bombus occidentalis occidentalis*) as Endangered under the California Endangered Species Act.

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



## Attachment 1

## CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE RECOMMENDED MITIGATION MONITORING AND REPORTING PROGRAM (MMRP)

**PROJECT: Buttonbush Solar**

**SCH No.: 2024041028**

DocuSign Envelope ID: 077E388D-0AAF-435D-B766-2812353DE8D6



| **RECOMMENDED MITIGATION MEASURE** | **STATUS/DATE/INITIALS** |
|---|---|
| *Before Disturbing Soil or Vegetation* | |
| GKR and TKR | |
| Recommended Mitigation Measure 1: GKR and TKR consultation | |
| SJAS | |
| Recommended Mitigation Measure 2: SJAS consultation | |
| SJKF | |
| Recommended Mitigation Measure 4: SJKF take authorization | |
| Recommended Mitigation Measure 5: SJKF fencing | |
| SWHA | |
| Recommended Mitigation Measure 6: SWHA surveys prior to construction | |
| Recommended Mitigation Measure 8: SWHA take authorization | |
| Recommended Mitigation Measure 9: SWHA foraging habitat mitigation | |
| BNLL | |
| Recommended Mitigation Measure 10: BNLL consultation | |
| BUOW | |
| Recommended Mitigation Measure 11: BUOW surveys prior to construction | |
| Recommended Mitigation Measure 13: BUOW consultation | |
| | |
| *During Construction* | |
| SJKF | |
| Recommended Mitigation Measure 3: SJKF avoidance buffer | |
| SWHA | |
| Recommended Mitigation Measure 7: SWHA avoidance buffer | |
| BUOW | |
| Recommended Mitigation Measure 12: BUOW avoidance buffer | |

DocuSign Envelope ID: D603D768-8F38-4950-8013-68334DADAA81

California
Department of Conservation
Geologic Energy Management Division

Gavin Newsom, Governor
David Shabazian, Director
715 P Street, MS 1803
Sacramento, CA. 95814
T: (916) 445-5986

06/20/2024

Jamal Ferguson
2700 M Street, Suite 100, Bakersfield, CA 93301, USA
fergusonj@kerncounty.com

Construction Site Well Review (CSWR) ID: 1013043

Assessor Parcel Number(s): Multiple

Property Owner(s): 29SC 8ME LLC

Project Location Address: Project site majority of the site being, on the northeastern side of the I-5., Buttonwillow, California 93206

Project Title: Buttonbush Solar Project

Public Resources Code (PRC) § 3208.1 establishes well reabandonment responsibility when a previously plugged and abandoned well will be impacted by planned property development or construction activities. Local permitting agencies, property owners, and/or developers should be aware of, and fully understand, that significant and potentially dangerous issues may be associated with development near oil, gas, and geothermal wells.

The California Geologic Energy Management Division (CalGEM) has received and reviewed the above referenced project dated 5/22/2024. To assist local permitting agencies, property owners, and developers in making wise land use decisions regarding potential development near oil, gas, or geothermal wells, the Division provides the following well evaluation.

The project is located in Kern County, within the boundaries of the following fields:

Any Field, Bowerbank, Buttonwillow Gas (ABD)

In addition to the plugged & abandoned well(s), there might be pipelines associated to oil and gas production.

DocuSign Envelope ID: D603D768-8F38-4950-8013-68334DADAA81

Our records indicate there are 41 known oil or gas wells located within the project boundary as identified in the application.

- Number of wells Not Abandoned to Current Division Requirements as Prescribed by Law and Projected to Be Built Over or Have Future Access Impeded by this project: 26

- Number of wells Not Abandoned to Current Division Requirements as Prescribed by Law and Not Projected to Be Built Over or Have Future Access Impeded by this project: 8

- Number of wells Abandoned to Current Division Requirements as Prescribed by Law and Projected to Be Built Over or Have Future Access Impeded by this project: 7

- Number of wells Abandoned to Current Division Requirements as Prescribed by Law and Not Projected to Be Built Over or Have Future Access Impeded by this project: 0

The Division categorically advises against building over, or in any way impeding access to, oil, gas, or geothermal wells. Impeding access to a well could result in the need to remove any structure or obstacle that prevents or impedes access including, but not limited to, buildings, housing, fencing, landscaping, trees, pools, patios, sidewalks, roadways, and decking. Maintaining sufficient access is considered the ability for a well servicing unit and associated necessary equipment to reach a well from a public street or access way, solely over the parcel on which the well is located. A well servicing unit, and any necessary equipment, should be able to pass unimpeded along and over the route, and should be able to access the well without disturbing the integrity of surrounding infrastructure.

There are no guarantees a well abandoned in compliance with current Division requirements as prescribed by law will not start leaking in the future. It always remains a possibility that any well may start to leak oil, gas, and/or water after abandonment, no matter how thoroughly the well was plugged and abandoned. The Division acknowledges wells plugged and abandoned to the most current Division requirements as prescribed by law have a lower probability of leaking in the future, however there is no guarantees that such abandonments will not leak.

The Division advises that all wells identified on the development parcel prior to, or during, development activities be tested for liquid and gas leakage. Surveyed locations should be provided to the Division in Latitude and Longitude, NAD 83 decimal format. The Division expects any wells found leaking to be reported to it immediately.

Failure to plug and reabandon the well may result in enforcement action, including an order to perform reabandonment well work, pursuant to PRC § 3208.1, and 3224.

PRC § 3208.1 give the Division the authority to order or permit the re-abandonment of any well where it

DocuSign Envelope ID: D603D768-8F38-4950-8013-68334DADAA81

has reason to question the integrity of the previous abandonment, or if the well is not accessible or visible. Responsibility for re-abandonment costs may be affected by the choices made by the local permitting agency, property owner, and/or developer in considering the general advice set forth in this letter. The PRC continues to define the person or entity responsible for reabandonment as:

1. The property owner - If the well was plugged and abandoned in conformance with Division requirements at the time of abandonment, and in its current condition does not pose an immediate danger to life, health, and property, but requires additional work solely because the owner of the property on which the well is located proposes construction on the property that would prevent or impede access to the well for purposes of remedying a currently perceived future problem, then the owner of the property on which the well is located shall obtain all rights necessary to reabandon the well and be responsible for the reabandonment.

2. The person or entity causing construction over or near the well - If the well was plugged and abandoned in conformance with Division requirements at the time of plugging and abandonment, and the property owner, developer, or local agency permitting the construction failed either to obtain an opinion from the supervisor or district deputy as to whether the previously abandoned well is required to be reabandoned, or to follow the advice of the supervisor or district deputy not to undertake the construction, then the person or entity causing the construction over or near the well shall obtain all rights necessary to reabandon the well and be responsible for the reabandonment.

3. The party or parties responsible for disturbing the integrity of the abandonment - If the well was plugged and abandoned in conformance with Division requirements at the time of plugging and abandonment, and after that time someone other than the operator or an affiliate of the operator disturbed the integrity of the abandonment in the course of developing the property, then the party or parties responsible for disturbing the integrity of the abandonment shall be responsible for the reabandonment.

No well work may be performed on any oil, gas, or geothermal well without written approval from the Division. Well work requiring approval includes, but is not limited to, mitigating leaking gas or other fluids from abandoned wells, modifications to well casings, and/or any other re-abandonment work. The Division also regulates the top of a plugged and abandoned well's minimum and maximum depth below final grade. CCR §1723.5 states well casings shall be cut off at least 5 feet but no more than 10 feet below grade. If any well needs to be lowered or raised (i.e. casing cut down or casing riser added) to meet this regulation, a permit from the Division is required before work can start.

The Division makes the following additional recommendations to the local permitting agency, property owner, and developer:

DocuSign Envelope ID: D603D768-8F38-4950-8013-68334DADAA81

1. To ensure that present and future property owners are aware of (a) the existence of all wells located on the property, and (b) potentially significant issues associated with any improvements near oil or gas wells, the Division recommends that information regarding the above identified well(s), and any other pertinent information obtained after the issuance of this letter, be communicated to the appropriate county recorder for inclusion in the title information of the subject real property.

2. The Division recommends that any soil containing hydrocarbons be disposed of in accordance with local, state, and federal laws. Please notify the appropriate authorities if soil containing significant amounts of hydrocarbons is discovered during development.

As indicated in PRC § 3106, the Division has statutory authority over the drilling, operation, maintenance, and abandonment of oil, gas, and geothermal wells, and attendant facilities, to prevent, as far as possible, damage to life, health, property, and natural resources; damage to underground oil, gas, and geothermal deposits; and damage to underground and surface waters suitable for irrigation or domestic purposes. In addition to the Division's authority to order work on wells pursuant to PRC §§ 3208.1 and 3224, it has authority to issue civil and criminal penalties under PRC §§ 3236, 3236.5, and 3359 for violations within the Division's jurisdictional authority. The Division does not regulate grading, excavations, or other land use issues.

If during development activities, any wells are encountered that were not part of this review, the property owner is expected to immediately notify the Division's construction site well review engineer in the Inland district office, and file for Division review an amended site plan with well casing diagrams. The District office will send a follow-up well evaluation letter to the property owner and local permitting agency.

Should you have any questions, please contact me at (661) 808-0377 or via email at Jeff.Kimber@conservation.ca.gov.

Sincerely,
Jeff Kimber for
Chris Jones
District Deputy

cc: Jamal Ferguson - Submitter

DocuSign Envelope ID: D603D768-8F38-4950-8013-68334DADAA81

**Wells Not Abandoned to Current Division Requirements as Prescribed by Law & Projected to be Built Over or Have Future Access Impeded**

The wells listed below are not abandoned to current Division requirements as prescribed by law, and based upon information provided, are projected to be built over or have future access impeded. **The Division expects these wells to be reabandoned in compliance with current California law, prior to development activities.**

| API | Well Designation | Operator | Well Evaluations |
|---|---|---|---|
| 0403048481 | Gooselake 1-4 | California Resources Production Corporation | According to our records, the well is Idle. |
| 0402936155 | Wisnom 1 | Milham Exploration Co. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>Records indicate the well is an open hole abd below 495', well is reported as adequately plugged at Shoe.<br><br>1. Surface plug is not present (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>3. Upper hydrocarbon isolation zone plug is not present (CCR §1723.1).<br><br>Notes:<br>BFW @ N/A (none reported), Shoe @ 495'<br><br>Note:<br>No leak test reported. |

| | | | |
|---|---|---|---|
| 0402936552 | 1 | National Exploration Co. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Surface plug is not adequate (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>Notes:<br>-Abandonment in 1921.<br>-Plug @ 3098-3578'; SFC-10'<br>-BFW (reported as "top of water found at 1495ft)<br>-Top of Oil reported as not found.<br><br>Note:<br>No leak test reported. |
| 0402943680 | Bravo-Copallo 1 | Valwood Production Company | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>Records indicate the well is an open hole abd below 526', well is reported as adequately plugged at Shoe.<br><br>1. Surface plug is not adequate (CCR § 1723.5). |

| | | | |
|---|---|---|---|
| | | | 2. Base of freshwater isolation plug is not adequate (CCR § 1723.2).<br><br>3. Upper hydrocarbon isolation zone plug is not present (CCR §1723.1).<br><br>Notes:<br>BFW @ 1699', Shoe @ 526'<br><br>Note:<br>No leak test reported. |
| 0402956624 | Mobil Fee 1 | Davis Oil Co. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>Records indicate the well is an open hole abd below 533', well is reported as adequately plugged at Shoe and BFW.<br><br>1. Upper hydrocarbon isolation zone plug is not present (CCR §1723.1).<br><br>Notes:<br>BFW @ 1200', Shoe @ 533'<br>Top Etchegoin @ 4391'<br><br>Note:<br>No leak test reported. |

| | | | |
|---|---|---|---|
| 0402936179 | Texaco-Falcon-Laird 1 | Falcon Petroleum Company | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>Records indicate the well is an open hole abd below 410'.<br><br>1. Surface plug is not adequate (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not adequate (CCR § 1723.2).<br><br>3. Upper hydrocarbon isolation zone plug is not present (CCR §1723.1).<br><br>Notes:<br>-BFW @ 1680'<br>-Base Tulare @ 2355'<br>-Shoe @ 410'<br><br>Note:<br>No leak test reported. |
| 0402919893 | 1 | Chevron U.S.A. Inc. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>Records indicate the well is an open hole abd below 270'. |

| | | | |
|---|---|---|---|
| | | | 1. Surface plug is not present (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not adequate (CCR § 1723.2).<br><br>3. Upper hydrocarbon isolation zone plug is not present (CCR §1723.1).<br><br>Notes:<br>-BFW @ 550'<br>-Gas Zone reported @ 4035'<br>-15-1/2"" landed @ 270', TD @ 4035'; Junk @ 990-4035'<br>-Plugged with cmt reported @ 576-603'<br><br>Note:<br>No leak test reported. |
| 0402919892 | Texaco-Falcon SP 2 | Chevron U.S.A. Inc. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>Records indicate the well is an open hole abd below 439'.<br><br>1. Surface plug is not present (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not adequate (CCR § |

| | | | |
|---|---|---|---|
| | | | 1723.2).<br><br>Notes:<br>-BFW @ 1800'<br>-Top Hydrocarbon Zone @ ""No oil shows"" reported<br>-7"" @ 439', TD @ 3800'<br>-Plugged with cmt reported @ 1687-1812'<br><br>Note:<br>No leak test reported. |
| 0402936612 | 4-1 | Southern California Gas Company | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Surface plug is not present (CCR § 1723.5).<br><br>2. Upper hydrocarbon isolation zone plug is not present (CCR §1723.1).<br><br>Notes:<br>-BFW @ None Reported<br>-Top Hydrocarbon Zone @ ~1045'<br>-18"" @ cmt'd @ 346', 11"" @ cmt'd @ 2658', TD @ 4272'<br>-Plugged with cmt reported @ 2303-2246'<br>-Wooden Plug @ 2303'<br>-Junk (6-5/8"") @ 2680-2824'<br><br>Note: |

| | | | |
|---|---|---|---|
| | | | No leak test reported. |
| 0402936449 | McWilliams 85-23 | Geochemical Surveys | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Surface plug is not present (CCR § 1723.5).<br><br>2. Upper hydrocarbon isolation zone plug is not present (CCR §1723.1).<br><br>Notes:<br>-BFW @ 962'<br>-Top Hydrocarbon Zone @ 7123'<br>-11"" @ cmt'd @ 495', TD @ 7502'<br>-Plugged with cmt reported @ 796-994' and 439-590'<br><br>Note:<br>No leak test reported. |
| 0402939157 | 1 | Buttonwillow Gas & Petroleum Co. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Surface plug is not present (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>3. Upper hydrocarbon |

| | | | |
|---|---|---|---|
| | | | isolation zone plug is not present (CCR §1723.1).<br><br>Notes:<br>-Reported ""Top of Water"" @ 267'<br>-Top Hydrocarbon Zone @ No oil reported.<br>-10"" @ cmt'd @ 2486', TD @ 3157'<br>-Junk (10"") @ 2486-2705'; Junk (8-1/4"") @ 2577-2948'; Junk (6-1/4"") @ 2960-3131'<br>-Plugged with cmt reported @ 2487'<br>-Well was not abd to standard in 1920, owners of land gave written consent to the present condition of well.<br><br>Note:<br>No leak test reported. |
| 0402939169 | 1 | Nordon Oil Corporation | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Surface plug is not adequate (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>3. Upper hydrocarbon isolation zone plug is not |

| | | | |
|---|---|---|---|
| | | | present (CCR §1723.1).<br><br>Notes:<br>-BFW @ None reported [1700' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California (CD-1)]<br>-Top Hydrocarbon Zone @ 3669'<br>-20"" cmt'd @ 1228'<br>-11-3/4"" stuck @ 4567', plugged to 2206'<br>-TD @ 6995'<br>-Wooden Plug driven in stub of 11-3/4"" csg to 997'<br>-Plugged with cmt reported @ 974-997' and SFC - 10'<br><br>Note:<br>No leak test reported. |
| 0402919743 | Texaco-SP 1 | Chevron U.S.A. Inc. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>Notes:<br>-BFW @ None reported [1700' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California |

| | | | |
|---|---|---|---|
| | | | (CD-1)]<br>-Top Hydrocarbon Zone @ 3410'<br>-8-5/8"" cmt'd @ 528'<br>-4-1/2"" cmt'd @ 3590'<br>-TD @ 4960', ED @ 3440'<br>-Plugged with cmt reported @ 3057-3440' and SFC-60'<br><br>Note:<br>No leak test reported. |
| 0402939156 | 1 | Bowerbank Oil & Gas Co. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>Records indicate the well is an open hole abd below 501'.<br><br>1. Surface plug is not adequate (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>Notes:<br>-BFW @ None reported [1700' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California<br>(CD-1)]<br>-Top Hydrocarbon Zone @ None reported |

| | | | |
|---|---|---|---|
| | | | (""never produced"")<br>-8-5/8"" cmt'd @ 501'<br>-TD @ 5000'<br>-Plugged with cmt reported @ 1418-1578', 423-525' and SFC-15'<br><br>Note:<br>No leak test reported. |
| 0402939162 | Salisbury 1 | Doheny Stone Drill Co. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Surface plug is not present (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>Notes:<br>-BFW @ None reported [1700' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California (CD-1)]<br>-Top Hydrocarbon Zone @ ~2300'<br>-15-1/2"" @ 1220'; 11"" @ 3675'; 6-1/4"" @ 4019'; 9"" @ 1000'<br>-TD @ 4703' Reported hole has caved several times.<br>-Plugged with cmt reported @ 3950-3970', 2550-2600', 2500-2550', |

| | | | |
|---|---|---|---|
| | | | 2085-2500'<br><br>Note:<br>No leak test reported. |
| 0402901387 | Salisbury 2 | Chevron U.S.A. Inc. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Surface plug is not adequate (CCR § 1723.5).<br><br>Notes:<br>-BFW @ 1750'<br>-Top Hydrocarbon Zone @ 3190'<br>-7"" @ 536'; 2-7/8"" @ 3622'<br>-TD @ 3650' ED @ 3611'<br>-WSO @ 3400'<br>-Plugged with cmt reported @ 3500-508', 10'-SFC<br><br>Note:<br>No leak test reported. |
| 0402919745 | Bowerbank Unit One 6-C | Chevron U.S.A. Inc. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>Records indicate the well is an open hole abd below 582'.<br><br>1. Surface plug is not |

| | | | |
|---|---|---|---|
| | | | adequate (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>3. Upper hydrocarbon isolation zone plug is not present (CCR §1723.1).<br><br>Notes:<br>-BFW @ None reported [1700' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California (CD-1)]<br>-Top Hydrocarbon Zone @ 3642'<br>-9-5/8"" @ 582'<br>-TD @ 4950'<br>-Plugged with cmt reported @ 4650', 1608', 602-520', cement at surface (unknown depth)<br><br>Note:<br>No leak test reported. |
| 0402919749 | Bowerbank Unit-Three 8-C | Chevron U.S.A. Inc. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>Records indicate the well is an open hole abd below 583'.<br><br>1. Surface plug is not |

| | | | |
|---|---|---|---|
| | | | present (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>Notes:<br>-BFW @ None reported [1700' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California (CD-1)]<br>-Top Hydrocarbon Zone @ 4638'<br>-9-5/8"" @ 583'<br>-TD @ 4927'<br>-Plugged with cmt reported @ 4665-4575', 3960-3855', 1562-1487', 620-550'<br><br>Note:<br>No leak test reported. |
| 0402939226 | K.C.L. 1-5 | Carr and Wrath | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Surface plug is not adequate (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>Notes:<br>-BFW @ None Reported |

| | | | |
|---|---|---|---|
| | | | [1200' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California (CD-1)]<br>-Top Hydrocarbon Zone @ ~3523' (production interval top)<br>-10-3/4"" @ 500', 7"" 3588', TD @ 3600'<br>WSO @ 3152'<br>-Plugged with cmt reported @ 3181-2998', 14'-SFC<br><br>Note:<br>No leak test reported. |
| 0402919827 | Kern 10 | Chevron U.S.A. Inc. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Base of freshwater isolation plug is not adequate (CCR § 1723.2).<br><br>Notes:<br>-BFW @ None Reported [1200' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California (CD-1)]<br>-Top Hydrocarbon Zone @ ~2470'<br>-12-1/2"" @ cmt'd 490', 9"" cmt'd @ 2474', 6-5/8"" blank/perfliner f/ |

| | | | |
|---|---|---|---|
| | | | 2450-2690',TD @ 2690'<br>-Plugged with cmt reported @ 2596-2509',2391-2509',1276-1245', 490-SFC<br><br>Note:<br>No leak test reported. |
| 0402903174 | KCL 54 14 | Chevron U.S.A. Inc. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>2. Upper hydrocarbon isolation zone plug is not present (CCR §1723.1).<br><br>Notes:<br>-BFW @ 1200'<br>-Top Hydrocarbon Zone @ 2402'<br>-18"" cmt'd @ 30', 10-3/4"" cmt'd @ 505', TD @ 4255'<br>-Plugged with cmt reported @ 449-560', 651-905', 55'-SFC<br><br>Note:<br>No leak test reported. |
| 0402919823 | Kern 4 | Chevron U.S.A. Inc. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR. |

| | | | |
|---|---|---|---|
| | | | 1. Surface plug is not adequate (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>Notes:<br>-BFW @ None reported [1200' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California (CD-1)]<br>-Top Hydrocarbon Zone @ 2480'<br>-15-1/2"" cmt'd @ 199', 11"" cmt'd @ 2475', 6-1/4"" landed @ 2670', TD @ 2670'<br>-Perfs @ 2480-2670'<br>-Plugged with cmt reported @ 2628-2390', 2199-2178', 721-704', 10'-SFC<br><br>Note:<br>No leak test reported. |
| 0402919824 | Kern 5 | Chevron U.S.A. Inc. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Surface plug is not adequate (CCR § 1723.5). |

| | | | |
|---|---|---|---|
| | | | 2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>Notes:<br>-BFW @ None reported [1200' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California (CD-1)]<br>-Top Hydrocarbon Zone @ 2506' (top perf)<br>-15-1/2"" cmt'd @ 485', 11"" cmt'd @ 2500', 8-5/8"" cmt'd @ 2986', 6-5/8"" liner landed @ 2980-3127', TD @ 3127'<br>-Plugged with cmt reported @ 3048-2914', 2479-2459', 974-953', 10'-SFC<br><br>Note:<br>No leak test reported. |
| 0402903173 | KCL 54 6 | Chevron U.S.A. Inc. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Surface plug is not adequate (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>Notes: |

| | | | |
|---|---|---|---|
| | | | -BFW @ None reported [1200' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California (CD-1)]<br>-Top Hydrocarbon Zone @ 2620' (top perf)<br>-13-3/8"" cmt'd @ 1501', 9-5/8"" cmt'd @ 5780', TD @ 13614'<br>-Plugged with cmt reported @ 3479-2970', 2970-2404', 10'-SFC<br><br>Note:<br>No leak test reported. |
| 0402919825 | Kern 7 | Chevron U.S.A. Inc. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Surface plug is not present (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>Notes:<br>-BFW @ None reported [1200' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California (CD-1)]<br>-Top Hydrocarbon Zone @ None reported.<br>-No casing, TD @ 3522' |

| | | | |
|---|---|---|---|
| | | | -Plugged with cmt reported @ 2150-2079', 829-780'<br><br>Note:<br>No leak test reported. |
| 0402919826 | Kern 9 | Chevron U.S.A. Inc. | According to our records, the well is not plugged and abandoned consistent with current PRC and CCR.<br><br>1. Surface plug is not present (CCR § 1723.5).<br><br>2. Base of freshwater isolation plug is not present (CCR §1723.2).<br><br>Notes:<br>-BFW @ None reported [1200' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California (CD-1)]<br>-Top Hydrocarbon Zone @ None reported (reported as ""never produced"")<br>-12-1/2"" cmt'd @ 500', 8-5/8"" cmt'd @ 2472', 6-5/8"" Liner @ 2532-2617', TD @ 2622'<br>-Plugged with cmt reported @ 2532-2425', 1148-1135'<br><br>Note:<br>No leak test reported. |

DocuSign Envelope ID: D603D768-8F38-4950-8013-68334DADAA81

**Wells Not Abandoned to Current Division Requirements as Prescribed by Law & Not Projected to be Built Over or Have Future Access Impeded**

The wells listed below are not abandoned to current Division requirements as prescribed by law, and based upon information provided, are not projected to be built over or have future access impeded.

| API | Well Designation | Operator | Well Evaluations |
|---|---|---|---|
| 0403047802 | Kephart 1-11 | Venoco, LLC | According to our records, the well is canceled. |
| 0403047803 | Sill 2-35 | Venoco, LLC | According to our records, the well is canceled. |
| 0403043052 | Bowerbank 1-7H | Venoco, LLC | According to our records, the well is canceled. |
| 0403043589 | Bowerbank 2-7H | Vintage Production California LLC | According to our records, the well is canceled. |
| 0403043590 | Bowerbank 3-7H | Vintage Production California LLC | According to our records, the well is canceled. |
| 0403043591 | Bowerbank 4-7H | Vintage Production California LLC | According to our records, the well is canceled. |
| 0403043592 | Bowerbank 5-7H | Vintage Production California LLC | According to our records, the well is canceled. |
| 0403043318 | Bowerbank 6-7H | Vintage Production California LLC | According to our records, the well is canceled. |

DocuSign Envelope ID: D603D768-8F38-4950-8013-68334DADAA81

**Wells Abandoned to Current Division Requirements as Prescribed by Law & Projected to be Built Over or Have Future Access Impeded**

The wells listed below are abandoned to current Division requirements as prescribed by law, and based upon information provided, are projected to be built over or have future access impeded.

| API | Well Designation | Operator | Well Evaluations |
|---|---|---|---|
| 0402939175 | Continental 1 | SMT Corporation | According to our records, the well is plugged and abandoned consistent with current PRC and CCR.<br><br>Notes:<br>-BFW @ 1750'<br>-Top Hydrocarbon Zone @ 3218'<br>-7"" cmt'd @ 498'<br>-4-1/2"" cmt'd @ 3985'<br>-TD @ 3987'<br>-WSO @ 3190'<br>-Junk (tbg) @ ?-3165'<br>-Plugged with cmt reported @ 3150-608' and SFC - 30'<br><br>Note:<br>No leak test reported. |
| 0402901341 | Bryson 1 | Chevron U.S.A. Inc. | According to our records, the well is plugged and abandoned consistent with current PRC and CCR.<br><br>Notes:<br>-BFW @ None reported [1700' per CALIFORNIA OIL & GAS FIELDS Volume 1 - Central California |

| | | | |
|---|---|---|---|
| | | | (CD-1)]<br>-Top Hydrocarbon Zone @ ~3565'<br>-WSO @ 3176'<br>-7"" cmt'd @ 534'<br>-2-7/8"" cmt'd @ 3639'<br>-TD @ 3650' ED @ 3639'<br>-Plugged with cmt reported @ 3320-3218' and 3218'-SFC (Report of Pressure test to 1500 psi for 15min [ok])<br><br>Note:<br>No leak test reported. |
| 0403010342 | Bowerbank 10 | Royale Energy, Inc. | According to our records, the well is plugged and abandoned consistent with current PRC and CCR.<br><br>Notes:<br>-BFW @ 1650'<br>-Top Hydrocarbon Zone @ 2460'<br>-16"" @ 40'; 7"" @ 724'; 2-7/8"" @ 3857'<br>-TD @ 4444' ED @ 3824'<br>-Plugged with cmt reported @ 3857-3824',2580-1283', 774-596', 60-SFC<br><br>Note:<br>No leak test reported. |
| 0403004615 | Bowerbank 3 | Royale Energy, Inc. | According to our records, the well is plugged and abandoned |

| | | | |
|---|---|---|---|
| | | | consistent with current PRC and CCR.<br><br>Notes:<br>-BFW @ 1500'<br>-Top Hydrocarbon Zone @ 2430'<br>-16"" @ 40'; 8-5/8"" @ 527', 4-1/2 @ 3515'<br>-TD @ 3527'<br>-Plugged with cmt reported @ 3412-3256',1500-1266', 60'-SFC<br><br>Note:<br>No leak test reported. |
| 0403006828 | Bowerbank 4A | Royale Energy, Inc. | According to our records, the well is plugged and abandoned consistent with current PRC and CCR.<br><br>Notes:<br>-BFW @ 1500'<br>-Top Hydrocarbon Zone @ 2430'<br>-16"" @ 40'; 8-5/8"" @ 518', 4-1/2 @ 3700'<br>-TD @ 3700'<br>-Plugged with cmt reported @ 3700-3662', 3555-3408', 1505-1415', 568-SFC<br><br>Note:<br>No leak test reported. |
| 0403009979 | Bowerbank 4C | Royale Energy, Inc. | According to our records, the well is plugged and abandoned |

| | | | |
|---|---|---|---|
| | | | consistent with current PRC and CCR.<br><br>Notes:<br>-BFW @ 1500'<br>-Top Hydrocarbon Zone @ 2250'<br>-16"" @ 40'; 7"" @ 697', 2-7/8"" @ 3633'<br>-TD @ 4338'<br>-Plugged with cmt reported @ 3592-3025', 1505-1242', 690'-SFC<br><br>Note:<br>No leak test reported. |
| 0403014009 | Buttonwillow 1 | Source Energy Corp. | According to our records, the well is plugged and abandoned consistent with current PRC and CCR.<br><br>Records indicate the well is an open hole abd below 1517'.<br><br>Notes:<br>-BFW @ 1350'<br>-Top Hydrocarbon Zone @ 4638'<br>-8-5/8"" @ 1517'<br>-TD @ 4600'<br>-Plugged with cmt reported @ 2480-2243', 1570-1161', 1137-882', 120'-SFC<br>**Well was re-abandoned in 2000s due to methane leaks.** |

May 24, 2024

Jamal Ferguson, Planner I
Kern County Planning and Natural Resources Department
2700 M Street, Suite 100
Bakersfield, CA 93301
Delivered via email to: Fergusonj@kerncounty.com

RE: Notice of Preparation of a Draft Environmental Impact Report – Buttonbush Solar and Storage Project (SCH 2024041028)

Dear Mr. Ferguson:

Thank you for the opportunity to provide comments in response to the Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR) for the proposed Buttonbush Solar and Storage (Project). These comments are submitted on behalf of the California Native Plant Society (CNPS) and Defenders of Wildlife (Defenders).

We strongly support the development of renewable energy production. A low-carbon energy future is critical for California – for our economy, our communities, and the environment. Achieving this future—and *how* we achieve it—is critical for protecting California's internationally treasured biodiversity, landscapes and diverse habitats. We believe transitioning to a renewable energy future need not exacerbate the ongoing extinction crisis by thoughtfully planning projects while protecting habitat critical to species.

**CNPS** is a non-profit environmental organization with more than 12,500 members in 36 Chapters across California and Baja California, Mexico. CNPS's mission is to protect California's native plant heritage and to preserve it for future generations through the application of science, research, education, and conservation. We work closely with decision-makers, scientists, and local planners to advocate for well-informed policies, regulations, and land management practices. CNPS supports science-based, rational policies and actions, on the local, state, national, and international levels, that lead to the continued study and enjoyment of the state's botanical resources.

**Defenders** has 2.1 million members and supporters in the United States, 316,000 of which reside in California. Defenders is dedicated to protecting all wild animals and plants in their natural communities. To that end, Defenders employs science, public education and participation, media, legislative advocacy, litigation, and

proactive on-the-ground solutions to prevent the extinction of species, associated loss of biological diversity, and habitat alteration and destruction.

The proposed 12,785-acre solar photovoltaic electric generating facility would generate up to 2 GW and include an up to 2 GW battery energy storage system. The proposed Project is on private land within the San Joaquin Valley portion of Kern County. The Project site straddles Interstate 5, is east of Buttonwillow Raceway Park, north of Highway 58 and south of Kimberlina Road.

**Comments**

We offer the following comments on the scope of the DEIR for the proposed Project:

1. **Project Location**

   The proposed Project site contains sensitive, high-value biological resources and provides important habitat to numerous special-status wildlife species, including but not limited to the following:[1]

   Table 1**:** Special-Status Species' Habitat Within the Project Site

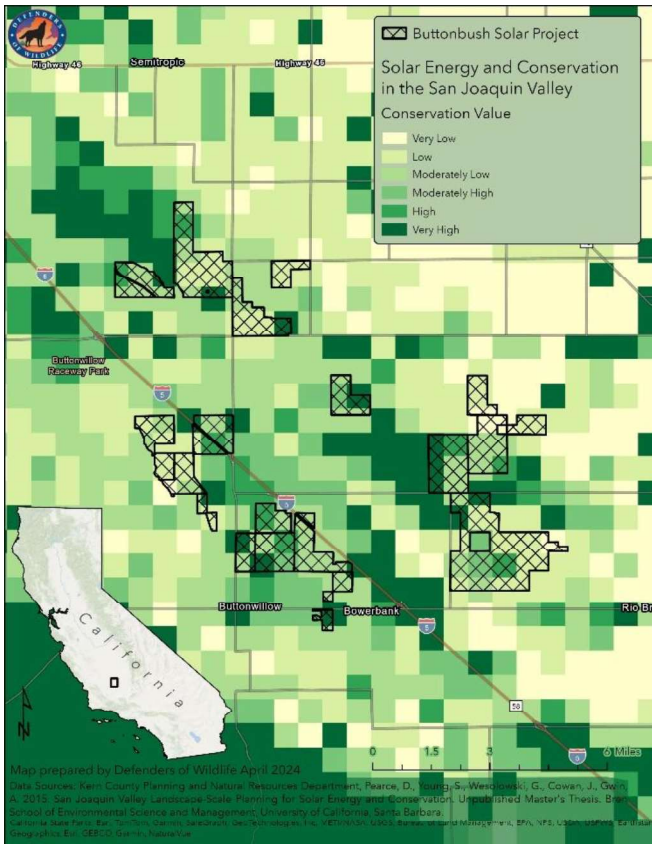
| **Common Name** | **Scientific Name** | **Status** |
|---|---|---|
| American badger | *Taxidea taxus* | State Species of Special Concern |
| Blunt-nosed leopard lizard | *Gambelia sila* | Federal and State Endangered |
| Burrowing owl | *Athene cunicularia* | State Species of Special Concern |
| Giant gartersnake | *Thamnophis gigas* | Federal and State Threatened |
| Loggerhead shrike | *Lanius ludovicianus* | State Species of Special Concern |
| Nelson's antelope squirrel | *Ammospermophilus nelsoni* | State Threatened |
| San Joaquin kit fox | *Vulpes macrotis mutica* | Federal Endangered and State Threatened |
| Swainson's hawk | *Buteo swainsoni* | State Threatened |
| Tipton kangaroo rat | *Dipodomys nitratoides nitratoides* | Federal and State Endangered |
| Western spadefoot | *Spea hammondii* | State Species of Special Concern |

   Portions of the proposed site are designated as sensitive with moderately high, high, and very high conservation values, as demonstrated by Figure 1, below. This was determined through the San Joaquin Valley Least Conflict Solar Project, a collaborative project with multiple stakeholders. The red represents the approximate outline of the Project area. Leaders from the agricultural, conservation communities, solar PV development industry, tribes, and state and federal agencies identified this area

[1] California Natural Diversity Database. Accessed 05/8/2023. https://wildlife.ca.gov/Data/CNDDB/Maps-and-Data.

as a “high value” area based on the presence of biological resources, as depicted by the gradient on the map.

Figure 1: Approximate Vicinity of the Project with the Environmental Conservation Value




Development projects should avoid areas with high conservation values for natural resources, such as special-status species, areas of high biodiversity or habitat connectivity corridors. While mitigation is an essential tool for conservation, it is difficult to mitigate for special-status species when a project is located in a high-value habitat such as portions of this Project site. We encourage the Project proponent to fully site development projects on land identified as least conflict with a low conservation value and to avoid high conservation value lands. We request the alternatives analysis within the DEIR examine an alternative location or reconfigured Project design that is sited solely on land with low conservation value.

**2. Protocol Surveys**

Considering the sensitive species and habitat located on the Project site, the biological resources surveys must adhere to wildlife agency-approved species-specific protocols and must identify the appropriate avoidance, minimization and mitigation measures based on survey results. We

recommend consultation with the responsible trustee wildlife agencies to determine the scope and appropriate protocols for the biological surveys. Species-specific surveys should cover 100 percent of the Project area and adjacent habitat. If special-status species are observed on-site, we recommend consultation with the California Department of Fish and Wildlife (CDFW) and the US Fish and Wildlife Service (USFWS) for the need to obtain an Incidental Take Permit (ITP).

If habitat management (HM) lands are deemed appropriate due to survey results, the HM lands must contain suitable habitat for the species and be managed in perpetuity by a qualified conservation organization as defined by CA Civil Code Section 815.3. Alternatively, credits could be purchased in a CDFW approved mitigation bank.

**a. Blunt-Nosed Leopard Lizard**

The proposed Project site and surrounding area may provide suitable habitat for blunt-nosed leopard lizard (BNLL) and has a probability of BNLL occurrence.[2] According to the USFWS, BNLL has been reduced to 15% of its historical range due to widespread agricultural development of the San Joaquin Valley. Given the extreme habitat loss, the BNLL is a federal and state-listed endangered species. It is also a fully protected species that requires – under the recently revised fully protected statute – that take is avoided to the maximum extent possible. If take cannot be avoided to the maximum extent possible, then a project applicant must fully mitigate that take, ensure that all further measures necessary to satisfy the conservation standard of Section 2805(d) of the Fish and Game Code are in place, and provide for monitoring and adaptive management. We also recommend that surveys for the species be performed that, at a minimum, conform to the current survey standards established in CDFW's Approved Survey Methodology for the Blunt-Nosed Leopard Lizard from the California Department of Fish and Wildlife.[3] Additionally, we recommend consultation with the state and federal wildlife agencies for recommended impact avoidance, minimization and mitigation measures, including compensatory mitigation, and requirements for complying with the state fully protected species law and state and federal endangered species acts.

**b. Burrowing Owl**

Suitable burrowing owl (BUOW) habitat is present within the Project Area, and there is a high probability of occurrence.[4] BUOWs are listed as a Species of Special Concern by CDFW, and it is estimated that there are fewer than 10,000 breeding pairs in the state, with most existing on privately owned land.[5] Protocol-level surveys for BUOW should be performed across the entirety of the site and must conform to the current survey standards established in *Burrowing*

[2] See https://databasin.org/maps/new/#datasets=e02db184ff08428eb9a6da4072a4ebfd

[3] California Department of Fish and Wildlife. 2019. *Approved Survey Methodology for the Blunt-Nosed Leopard Lizard*.

[4] See https://databasin.org/datasets/421e63060890432d82027edc117dd661/

[5] California Department of Fish and Game. 2012. *Staff Report on Burrowing Owl Mitigation*.

*Owl Survey Protocol and Mitigation Guidelines*[6] and the *Staff Report on Burrowing Owl Mitigation*.[7]

If occupied burrows are observed, we request artificial replacement burrows at a ratio of 1:1.[8] Furthermore, we request consultation with CDFW to establish an appropriate ratio for BUOW HM lands. If adhering to the recommended buffers and avoidance is impossible, we emphasize that burrow exclusion is not considered a take avoidance, minimization or mitigation method.[9] However, if burrow exclusion is necessary, we recommend consultation with CDFW for the creation of an exclusion plan.

**c. San Joaquin Kit Fox**

San Joaquin kit fox (SJKF) is listed as Federally endangered and State threatened, and it has a moderate probability of occurrence on the proposed Project site due to the suitable habitat.[10] We recommend protocol-level surveys for the species be performed that, at a minimum, conform to the current survey standards established in the USFWS *Standardized Recommendations for Protection of the Endangered San Joaquin Kit Fox Prior To or During Ground Disturbance*.[11] Additionally, the Project impacts to SJKF connectivity should be examined within the DEIR. We recommend consultation with the state and federal wildlife agencies for recommended impact avoidance, minimization and mitigation measures, including compensatory mitigation.

**d. Trapping Surveys**

Suitable habitat for Tipton kangaroo rat (TKR) is present within the Project area, and there is a high probability of occurrence.[12] TKR is listed as endangered both Federally and in the State and is experiencing habitat loss throughout the range that threatens to extirpate existing populations. We request the development of a trapping plan for determining the presence of TKR be established in consultation with CDFW and USFWS. If the protocol-level trapping surveys find the presence or potential presence, we recommend consultation with the state and federal wildlife agencies for recommended impact avoidance, minimization and mitigation measures, including compensatory mitigation.

---

[6] California Burrowing Owl Consortium. 1993. *Burrowing Owl Survey Protocol and Mitigation Guidelines*.

[7] California Department of Fish and Game. 2012. *Staff Report on Burrowing Owl Mitigation*.

[8] California Burrowing Owl Consortium. 1993. *Burrowing Owl Survey Protocol and Mitigation Guidelines*.

[9] California Department of Fish and Game. 2012. *Staff Report on Burrowing Owl Mitigation*

[10] See https://databasin.org/datasets/db0d750efaf54842b7069f8cd41264ad/

[11] U.S. Fish and Wildlife Service. 2011. Standardized Recommendations for Protection of the Endangered San Joaquin Kit Fox Prior To or During Ground Disturbance. Sacramento, California.

[12] See https://databasin.org/maps/new/#datasets=d060bc1d1afb47beab688553beee2394

**e. Swainson's Hawk**

A review of the California Natural Diversity Database indicated multiple occurrences of Swainson's hawk (SHWA) nearby. Thus, the Project may have significant impacts with the potential for take, necessitating the need to perform protocol-level surveys for SHWA. We request SWHA-specific protocol-level surveys are conducted that adhere to CDFW recommendations.[13] If the updated surveys determine the Project may impact SWHA foraging or nesting habitat, we recommend HM lands be provided at a ratio of at least 2:1[14] for habitat impacted within a five-mile radius of nests that have been active within the previous five years.

**f. Special Status Plants and Botanical Surveys**

Botanical surveys should follow all recommendations provided in the 2018 CDFW Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Sensitive Natural Communities[15] (CDFW Protocols). The CDFW Protocols offer guidance regarding the timing and number of full floristic surveys that would be needed to capture the botanical diversity of the Project area and the use of pre-survey site visits to reference populations to ensure that special status species would be identifiable during botanical surveys. The survey report should include information including the names and qualifications of surveyors, dates of surveys and total-person hours spent conducting surveys. A discussion of the potential for false negative surveys and how climatic conditions may have affected the survey results should also be included in the survey report.

Any special status species occurring on the Project site should be avoided by Project activities with an appropriate species-specific buffer. Retention of existing populations and habitat for special status species should be prioritized over the use of mitigation banks or the transplantation or reintroduction of impacted species to on- or off-site mitigation areas, any site proposed for mitigation should be surveyed following CDFW Protocols prior to Project approval to determine if mitigation activities would have any impacts to the mitigation site. Many efforts to transplant or reintroduce special-status species fail once the required monitoring period has ended and the management and monitoring of populations has ceased. Any mitigation through transplantation or reintroduction should include explicit requirements on a species-by-species basis for maintenance and monitoring, including standards for successful mitigation, monitoring in perpetuity, and contingencies for resuming active management if monitoring shows that mitigation standards are not being met. If avoidance is not found to be feasible, we will be happy to provide recommendations for mitigation requirements based on the impacts outlined in the DEIR when they become available.

---

[13] California Energy Commission and Department of Fish and Game. 2010. *Swainson's Hawk Survey Protocols, Impact Avoidance, and Minimization Measures for Renewable Projects in the Antelope Valley for Los Angeles and Kern Counties, California*.

[14] Ibid.

[15] See https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=18959&inline

3. **Buttonwillow Ecological Reserve**

   The proposed Project borders the Buttonwillow Ecological Reserve, which may provide habitat to a variety of species and an observation of a prairie falcon has been reported.[16] The DEIR must analyze Project impacts on the Buttonwillow Ecological Reserve. Furthermore, due to the proximity of the Buttonwillow Ecological Reserve, the Project site may provide habitat connectivity to areas surrounding the Reserve. We request the analysis on impacts to the Reserve and habitat connectivity include impacts at the biological resource level.

4. **Cumulative Impacts**

   The ever-increasing large-scale renewable energy footprint within the San Joaquin Valley is significantly impacting biological resources in the region. As the number of projects increases, so does the loss, degradation and fragmentation of crucial habitat for a suite of highly imperiled San Joaquin Valley-associated species. This proposed Project, the surrounding solar projects, and other regional development such as housing and fossil fuel extraction significantly contribute to the already considerable adverse cumulative impacts on biological resources, including but not limited to BNLL, BUOW, SJKF and SWHA.

   Despite this ongoing renewable energy development, adequate cumulative impact analysis is consistently absent from EIRs for projects located within Kern County. Kern County has failed to provide adequate cumulative impacts analysis and, therefore, failed to prevent negative cumulative impacts. As requested in previous comments submitted to Kern County, we reiterate the need for a detailed and thorough cumulative impacts analysis. We request that this analysis closely examines the status and direct and indirect cumulative impact of past, present and reasonably foreseeable activities that adversely impact biological resources with the potential to occur on or near the proposed Project site. Furthermore, we request the analysis include a detailed map of all existing and planned development within the remaining habitat and connectivity corridors for BNLL and SJKF.

   CDFW has stated in several previous comments on proposed solar projects that staff is available for consultation in support of cumulative impact analyses.[17,18] We recommend consultation with CDFW to identify an acceptable methodology to evaluate cumulative impacts at the resource level.

Thank you once again for the opportunity to provide scoping comments on the proposed Buttonbush Solar and Storage Project and for considering our comments. We look forward to reviewing the environmental

[16] See https://wildlife.ca.gov/Lands/Places-to-Visit/Buttonwillow-ER

[17] California Department of Fish and Wildlife. 2022. *Pelican's Jaw Hybrid Solar Project by Pelican's Jaw Solar, LLC. Notice of Preparatrion (NOP). State Clearinghouse No. 2022110559.*

[18] California Department of Fish and Wildlife. 2022. *Notice of Preparation (NOP) of a Draft Environmental Impact Report (EIR) for the Jasmine Solar Project (Project) in Kern County. SCH No. 2022060193.*

documentation for the Project and request to be notified when it is available. Please feel free to contact us with any questions.

Respectfully submitted,

Brendan Wilce
Conservation Program Coordinator
California Native Plant Society
Bwilce@CNPS.org

Sophia Markowska
Senior California Representative
Defenders of Wildlife
Smarkowska@defenders.org

# Office Memorandum

To: Lorelei Oviatt, Director
Planning and Natural Resources Department
Attn: Jamal Ferguson, Planner I

May 13, 2024

From: Cesar Ayon, Engineering Manager CA
Public Works Department/Development

Subject: 7-8.3.b Draft Supplemental Environmental Impact Report for Buttonbush Solar Project by 29SC 8ME, LLC (PP24407)

Development Review Division

This Division has reviewed the subject project and has the following recommendation:

The County may require Irrevocable Offers of Dedication to future roadways that are not built to ultimate within the project boundary.

Thank you for the opportunity to comment on this project. If you have any questions or comments, please contact Rodd Parke of this Division at (661) 862-8848.

Floodplain Management Division

This Division has reviewed the subject project and has no comment.

Thank you for the opportunity to comment on this project. If you have any questions or comments, please contact Brian Blaise of this Division at (661) 862-5098.

Sewer and Water Division

This Division has reviewed the subject project and has no comment.

Thank you for the opportunity to comment on this project. If you have any questions or comments, please contact Kyle Perez of this Division at (661) 862-8852.

CSA Division

This Division has reviewed the subject project and has no comment.

Thank you for the opportunity to comment on this project. If you have any questions or comments, please contact Miguel Munoz of this Division at (661) 862-8908.

:GG MANSTON, DEBRA COPPLE,
:S MANSTON & HONEYCOTT, INC.
3ox 343
:mont, CA 91711

SANTA ANA CA 926
6 MAY 2024 PM 3 L

RECEIVED
MAY 09 2024
Kern County Planning & Natural Resources Dept.

Kern County Planning & Natural Resources Department
ATTN: James Ferguson
2700 "M" St., Suite 100
Bakersfield, CA 93301

**SUBJECT:** BUTTONBUSH SOLAR PROJECT by 29SC 8me, LLC (PP24407)

93301-237025

GREGG MANSTON, DEBRA COPPLE, ROSS MANSTON
HONEYCOTT, INC.
P.O. Box 343
Claremont, CA 91711
(909) 869-0088 *or toll free* (800) 876-0088 *fax* (909) 869-7391
*e-mail* honeycott@verizon.net

RECEIVED
MAY 09 2024
Kern County Planning &
Natural Resources Dept.

May 6, 2024


**Kern County Planning & Natural Resources Department**
ATTN: **James Ferguson**
2700 "M" St., Suite 100
Bakersfield, CA 93301

**SUBJECT:** BUTTONBUSH SOLAR PROJECT by 29SC 8me, LLC (PP24407)

Dear **Mr. Ferguson:**

We are concerned about the Buttonbush Solar Project by 29SC 8me, LLC (PP24407)

We own 7.5 acres - Lots 8, 9 & 10, Tract 1176, located near Rowlee Rd 1/2 mile south of Merced Ave. Each lot is 2.5 acres in size and are being sold as residential "*Rural Ranchette*" properties. This area is in an exclusive area as only houses exist. In fact, our properties when sold will have deed restrictions not allowing mobile homes nor prefabricated houses.

From the map enclosed, it appears that solar facilities will be adjacent to our properties.

We are opposed to solar facilities within five hundred feet (500 ft) of our properties. This is because of noise and environmental concerns about the solar chips used to generate electricity.

The solar chips are composed of substances that over time can degrade and become extremely hazardous materials. If the solar chips get into the soil, the damage they can cause can be very very environmentally damaging. This can happen if aircraft crash into the panels and breaks the panels. As recently happened in Texas, hail can break and destroy the panels. Major earthquakes can also destroy the solar panels. Also when the solar panels get old and/or obsolete, they may be abandoned. The cost to properly dismantle the solar panels may well be beyond the resources of the solar company. The amount of damage solar panels might well cause is literally unknown.

Due to these concerns, we do not want solar panels constructed within five hundred feet (500 ft) of the boarders of our properties.

If you have any questions, please do not hesitate to contact us.

Thank You!

Sincerely,

Gregg Manston

Enc: Map showing our properties in Tract 1176

# ROWLEE ROAD RANCHES

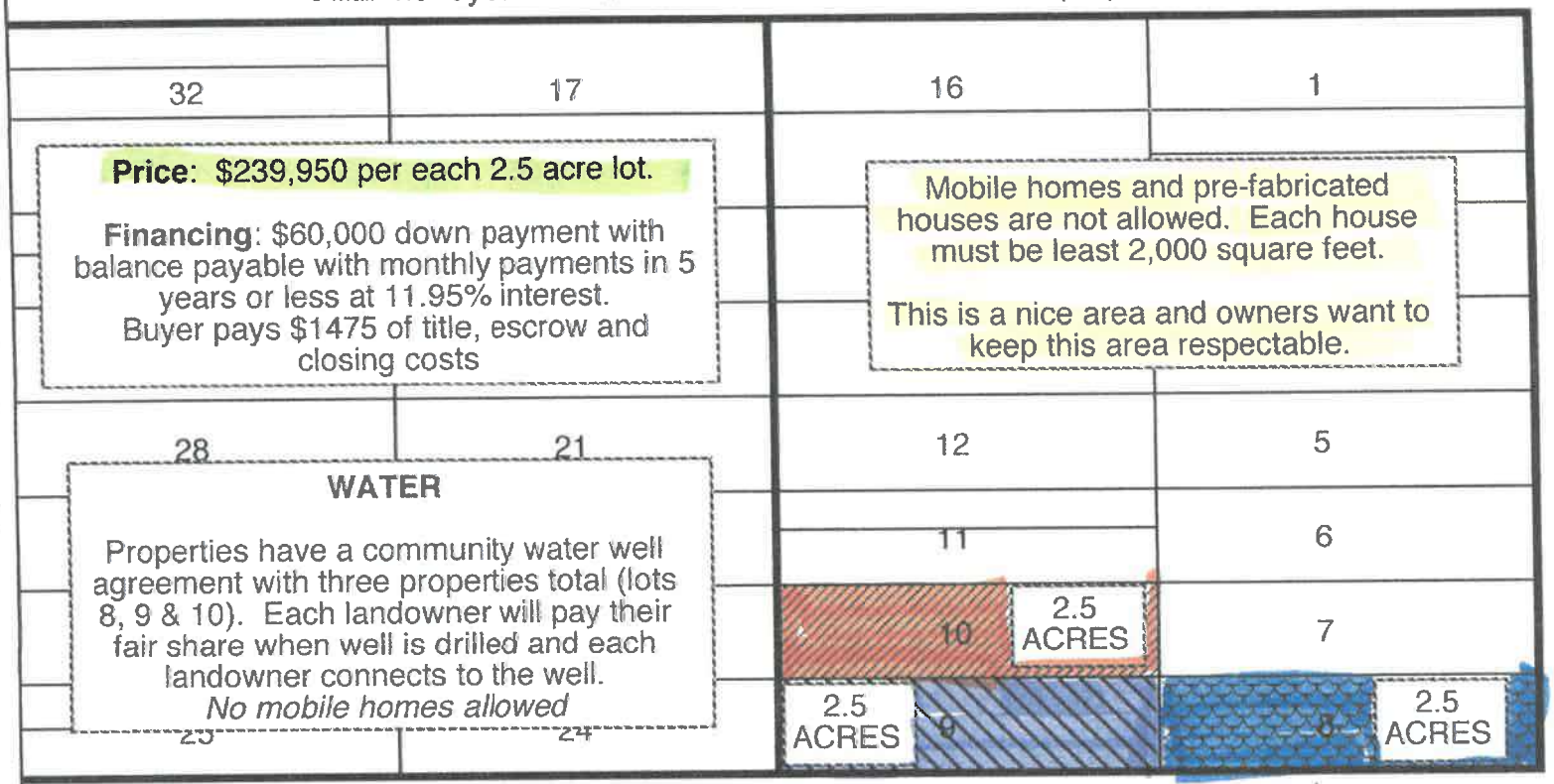
to Shafter

Merced Ave.


**GREGG MANSTON REAL ESTATE**
327 Camino de Teodoro
Walnut, CA 91789
(909) 869-0088 *or toll free* (800) 876-4312 *fax* (909) 869-7391
*e-mai* honeycott@verizon.net • *Calif Dept. of Real Estate License No.* 00707249
*e-mail* honeycott@verizon.net *website* www.manstonproperties.com


1/2 mile

Rowlee Rd




**Price**: $239,950 per each 2.5 acre lot.

**Financing**: $60,000 down payment with balance payable with monthly payments in 5 years or less at 11.95% interest. Buyer pays $1475 of title, escrow and closing costs

Mobile homes and pre-fabricated houses are not allowed. Each house must be least 2,000 square feet.

This is a nice area and owners want to keep this area respectable.

**WATER**

Properties have a community water well agreement with three properties total (lots 8, 9 & 10). Each landowner will pay their fair share when well is drilled and each landowner connects to the well.
*No mobile homes allowed*

NORTH

*Heavy lines are privately deeded roads*

1 1/2 miles

Lerdo Hwy

# EACH LOT IS 2.5 ACRES

# NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
**Reginald Pagaling**
*Chumash*

VICE-CHAIRPERSON
**Buffy McQuillen**
*Yokayo Pomo, Yuki, Nomlaki*

SECRETARY
**Sara Dutschke**
*Miwok*

PARLIAMENTARIAN
**Wayne Nelson**
*Luiseño*

COMMISSIONER
**Isaac Bojorquez**
*Ohlone-Costanoan*

COMMISSIONER
**Stanley Rodriguez**
*Kumeyaay*

COMMISSIONER
**Laurena Bolden**
*Serrano*

COMMISSIONER
**Reid Milanovich**
*Cahuilla*

COMMISSIONER
**Bennae Calac**
*Pauma-Yuima Band of Luiseño Indians*

EXECUTIVE SECRETARY
**Raymond C. Hitchcock**
*Miwok, Nisenan*

**NAHC HEADQUARTERS**
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov

April 26, 2024

Jamal Ferguson
Kern County Planning and Natural Resources
2700 "M" Street
Suite 100
Bakersfield CA 93301

Governor's Office of Planning & Research

Apr 26 2024

STATE CLEARING HOUSE

**Re: 2024041028, Buttonbush Solar Project, Kern County**

Dear Mr. Ferguson:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements**. If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

**Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.**

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

**1.** Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

- **a.** A brief description of the project.
- **b.** The lead agency contact information.
- **c.** Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
- **d.** A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

**2.** Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

- **a.** For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

**3.** Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

- **a.** Alternatives to the project.
- **b.** Recommended mitigation measures.
- **c.** Significant effects. (Pub. Resources Code §21080.3.2 (a)).

**4.** Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

- **a.** Type of environmental review necessary.
- **b.** Significance of the tribal cultural resources.
- **c.** Significance of the project's impacts on tribal cultural resources.
- **d.** If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

**5.** Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

**6.** Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

- **a.** Whether the proposed project has a significant impact on an identified tribal cultural resource.
- **b.** Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

**7.** Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

**a.** The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

**b.** A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

**8.** Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

**9.** Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

**10.** Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

**a.** Avoidance and preservation of the resources in place, including, but not limited to:

**i.** Planning and construction to avoid the resources and protect the cultural and natural context.

**ii.** Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

**b.** Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

**i.** Protecting the cultural character and integrity of the resource.

**ii.** Protecting the traditional use of the resource.

**iii.** Protecting the confidentiality of the resource.

**c.** Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

**d.** Protecting the resource. (Pub. Resource Code §21084.3 (b)).

**e.** Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

**f.** Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

**11.** Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

**a.** The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

**b.** The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

**c.** The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (https://ohp.parks.ca.gov/?page_id=30331) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.

**b.** The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

**3.** Contact the NAHC for:

**a.** A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.

**b.** A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

**4.** Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.

**a.** Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.

**b.** Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.

**c.** Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Cameron.Vela@NAHC.ca.gov.

Sincerely,

Cameron Vela

Cameron Vela
Cultural Resources Analyst

cc: State Clearinghouse

Appendix A.3

# Scoping Meeting Agenda

*This page intentionally left blank.*

# AGENDA

KERN COUNTY PLANNING & NATURAL RESOURCES DEPARTMENT
*Scoping Meeting*
***Kern County Public Services Building***
2700 "M" Street, Public Meeting Room 1-C
Bakersfield, California 93301

**May 15, 2024 – 1:30 p.m.**

Pursuant to revised Section 21083.9 of the Public Resources Code, California Environmental Quality Act, effective January 1, 2002, this scoping meeting is being held to receive agency comments on the preparation of the Environmental Impact Reports (EIR) on certain projects. The process of determining the scope, focus, and content of the EIR is known as "scoping." Scoping helps to identify the range of actions, alternatives, environmental effects, methods of assessment, and mitigation measures to be analyzed in depth, and eliminate issues from the detailed study that are not important to the decision at hand. This is not a public hearing; however, the public may be present and offer comments. If you attend as a member of the public to address an item on the agenda, please let the chairperson know when discussion begins on that item. Each project will be presented by staff followed by an opportunity for comments for the record.

**A. INTRODUCTION:** Staff and meeting format

**B. NEW CASES:**

**EIR – Notice of Preparation:**
**Buttonbush Solar Project by 29SC 8me, LLC (PP24407)**
Buttonbush Solar Project by 29SC 8me, LLC (PP24407); **Site 1**: CUP No. 17, Map 98; CUP No. 19, Map 98; GPA 4, Map 98; SPA No. 5, Map 98; CUP No. 25, Map 99; SPA No. 9, Map 99; GPA No. 8, Map 99; **Site 2**: CUP No. 14, Map 77; GPA No. 10, Map 77; CUP No. 18, Map 98; **Site 3**: CUP No. 15, Map 77; GPA No. 11, Map 77; **Site 4**: CUP No. 16, Map 77; GPA No. 12, Map 77; **Site 5**: CUP No. 26, Map 99; CUP No. 27, Map 99; GPA No. 10, Map 99; CUP No. 61, Map 100; GPA No. 31, Map 100; **Site 6**: CUP No. 17, Map 78; GPA No. 10, Map 78; **Site 7**: CUP No. 18, Map 78; GPA No. 11, Map 78; **Site 8**: CUP No. 12, Map 54; GPA No. 1, Map 54; CUP No. 17, Map 77; CUP No. 18, Map 77; GPA No. 13, Map 77.

**C. ADJOURNMENT:** Staff closing remarks

**AMERICANS WITH DISABILITIES ACT**
**(Government Code Section 54953.2)**

Disabled individuals who need special assistance to attend or participate in the scoping meeting may request assistance at the Kern County Planning and Natural Resources Department, 2700 "M" Street, Suite 100 Bakersfield, California 93301, or by calling Cari Cowling at 661-862-8647. Every effort will be made to reasonably accommodate individuals with disabilities by making meeting materials available in alternative formats. Requests for assistance should be made five (5) working days in advance whenever possible.

Posted: May 13, 2024
JRF

**SUBMIT WRITTEN COMMENTS ON THE NOP BY May 24, 2024 AT 5:00 PM**

**Mail to:**
Kern County Planning and Natural Resources Department
Attn: Jamal Ferguson
2700 "M" Street, Suite 100
Bakersfield, CA 93301
**Phone:** (661) 862-5017, **Email:** Fergusonj@kerncounty.com

Appendix A.4

# Scoping Meeting Summary

*This page intentionally left blank.*

*SUMMARY OF PROCEEDINGS*

**KERN COUNTY AGENCY SCOPING MEETING**

Kern County Planning and Natural Resources Department
2700 M Street, Suite 100
Bakersfield, California

Conference Room 1C

**Date** May 15, 2024

**STAFF ATTENDANCE:**
Katrina Slayton, Division Chief
Nicole Menchaca, Supervising Planner
Jamal Ferguson, Planner I

The meeting convened at 1:33 p.m. with Staff and three representatives (Kevin Brokish, Michael Laurienti, and Alex Sundquist) of the Buttonbush Solar Project in attendance. Items were then discussed in order as identified on the agenda.

NOTICE OF PREPARATION PROJECT:

**Environmental Impact Report – Notice of Preparation:**
**Buttonbush Solar Project by 29SC 8me, LLC (PP24407);**
**Site 1**: CUP No. 17, Map 98; CUP No. 19, Map 98; GPA 4, Map 98; SPA No. 5, Map 98; CUP No. 25, Map 99; SPA No. 9, Map 99; GPA No. 8, Map 99; **Site 2**: CUP No. 14, Map 77; GPA No. 10, Map 77; CUP No. 18, Map 98; **Site 3**: CUP No. 15, Map 77; GPA No. 11, Map 77; **Site 4**: CUP No. 16, Map 77; GPA No. 12, Map 77; **Site 5**: CUP No. 26, Map 99; CUP No. 27, Map 99; GPA No. 10, Map 99; CUP No. 61, Map 100; GPA No. 31, Map 100; **Site 6**: CUP No. 17, Map 78; GPA No. 10, Map 78; **Site 7**: CUP No. 18, Map 78; GPA No. 11, Map 78; **Site 8**: CUP No. 12, Map 54; GPA No. 1, Map 54; CUP No. 17, Map 77; CUP No. 18, Map 77; GPA No. 13, Map 77.

No members of the public were present.

Public testimony closed at approximately 1:38 p.m.

Notes prepared by
Jamal Ferguson, Planner I

Appendix B

# Farming History Report

*This page intentionally left blank.*

# Farming History Report

# Buttonbush Solar and Storage Project

**JUNE 2025**

*Submitted To:*

**KERN COUNTY PLANNING AND NATURAL RESOURCES DEPARTMENT**
2700 M Street, No.100
Bakersfield, California 93301
*661.862.8600*

*Prepared for:*

**29SC 8ME LLC**

*Prepared by:*

DUDEK

4900 California Avenue, Tower B, 2nd Floor
Bakersfield, California 93309
*Contact: Ronelle Candia*

Printed on 30% post-consumer recycled material.
109989\18665606v1

# Table of Contents

**SECTION** **PAGE NO.**


1 Introduction ..... 1
1.1 Purpose of the Report ..... 1
1.2 Project Description ..... 1
1.3 Project Location ..... 2
2 Regulatory Setting ..... 3
2.1 Federal ..... 3
2.1.1 Farmland Protection Policy Act (7 U.S.C. Section 4201) ..... 3
2.2 State ..... 3
2.2.1 Farmland Mapping and Monitoring Program ..... 3
2.2.2 California Land Conservation Act (Williamson Act) ..... 5
2.2.3 Farmland Security Zone Act ..... 6
2.3 Local ..... 6
2.3.1 Kern County General Plan ..... 6
2.3.2 Kern County Zoning Ordinance ..... 7
2.3.3 Agricultural Preserve Standard Uniform Rules ..... 8
3 Environmental Setting ..... 9
3.1 State of California ..... 9
3.1.1 Agricultural Production ..... 9
3.1.2 Farmland Conversion ..... 9
3.2 Kern County ..... 9
3.2.1 Agricultural Production ..... 9
3.2.2 Farmland Conversion ..... 10
3.3 Project Site and Zone of Influence ..... 10
3.3.1 Agricultural Production ..... 10
3.3.2 Farmland Designations ..... 11
3.3.3 Williamson Act and Farmland Security Zone Lands ..... 12
3.3.4 Soils ..... 12
3.3.5 Water Supplies ..... 13
4 Impacts from Temporary Farmland Conversion ..... 17
4.1 Methodology ..... 17
4.2 Land Evaluation and Site Assessment ..... 17
4.2.1 Land Evaluation Factors ..... 17
4.2.2 Site Assessment Factors ..... 19
4.2.3 Land Evaluation and Site Assessment Summary ..... 23

4.3 Kern County CEQA Thresholds ..... 25
4.3.1 Would the Project Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance? ..... 25
4.3.2 Would the Project Conflict with Existing Zoning for Agricultural Use or a Williamson Act Contract? ..... 28
4.3.3 Would the Project Involve Other Changes in the Existing Environment Which, Due to their Location or Nature, Could Result in Conversion of Farmland to Non-Agricultural Use? ..... 31
4.3.4 Would the Project Result in the Cancellation of an Open Space Contract Made Pursuant to the California Land Conservation Act of 1965 or Farmland Security Zone Contract for Any Parcel of 100 or More Acres? ..... 31
5 Cumulative Impacts ..... 37
6 Conclusion ..... 39
7 References ..... 41

## TABLES

1 Kern County Important Farmland Summary (2016-2020) ..... 10
2 Agricultural Production within the Project Site ..... 11
3 Agricultural Production within the Zone of Influence ..... 11
4 FMMP Important Farmland within the Project Site ..... 11
5 FMMP Important Farmland within the Zone of Influence ..... 12
6 Soil Types on the Project Site ..... 12
7 LESA Model Land Evaluation Worksheet ..... 19
8 Project Size Scoring ..... 20
9 LESA Model Site Assessment Worksheet – Project Size ..... 20
10 Water Availability Scoring System ..... 22
11 Surrounding Agricultural Lands and Protected Resources Lands Scoring ..... 23
12 LESA Model Site Assessment Worksheet – Surrounding Agricultural Lands and Protected Resources Lands ..... 23
13 Final LESA Scoresheet ..... 24
14 LESA Model Scoring Thresholds ..... 24
15 Williamson Act Contract Cancellation Findings ..... 28
16 Farmland Security Zone Contract Cancellation Findings ..... 32

## FIGURES

1 Project Location ..... 45
2 Project Vicinity ..... 47

3 Important Farmland ..... 49
4 Williamson Act Contracted Lands and Agricultural Preserves ..... 51
5 Soils ..... 53

## APPENDIX

A Semitropic Water Storage District and Landowner Letters

INTENTIONALLY LEFT BLANK

# Acronyms and Abbreviations

| Acronym/Abbreviation | Definition |
|---|---|
| AF | acre-feet |
| AFY | acre-feet per year |
| BVWSD | Buena Vista Water Storage District |
| CEQA | California Environmental Quality Act |
| County | Kern County Planning and Natural Resources Department |
| DOC | California Department of Conservation |
| FMMP | Farmland Mapping and Monitoring Program |
| FPPA | Farmland Protection Policy Act |
| GIS | geographic information system |
| GSA | Groundwater Sustainability Agency |
| GSP | Groundwater Sustainability Plan |
| IRWMP | integrated regional water management plan |
| KGA | Kern Groundwater Authority |
| kV | kilovolt |
| LCC | Land Capability Classification |
| LESA | Land Evaluation and Site Assessment |
| MLRA | Major Land Resource Area |
| Project | Buttonbush Solar and Storage Project |
| project proponent | 29SC 8me LLC |
| Subbasin | Kern County Groundwater Subbasin |
| SWP | State Water Project |
| SWSD | Semitropic Water Storage District |
| ZOI | Zone of Influence |

INTENTIONALLY LEFT BLANK

# 1 Introduction

## 1.1 Purpose of the Report

This Farming History Report was prepared in support of a Conditional Use Permit application submitted by 29SC 8me LLC (project proponent) for the proposed development of a solar energy facility on unincorporated lands in Kern County. This report has been prepared to assess the significance of the proposed Buttonbush Solar and Storage Project's potential farmland conversion impact using the California Agricultural Land Evaluation and Site Assessment (LESA) model developed by the California Department of Conservation (DOC). As stated in the LESA Model Instruction Manual (DOC 1997), the California Agricultural LESA Model is designed to determine the potential significance of a project's conversion of agricultural lands during the Initial Study phase of the California Environmental Quality Act (CEQA) review process.

This analysis has been completed using publicly available information from the U.S. Department of Agriculture and DOC, geographic information system (GIS) data, information from Kern County records, and other information provided by the project proponent.

## 1.2 Project Description

The Buttonbush Solar & Storage Project (project) as proposed by 29SC 8me LLC (project proponent) would be located on 128 parcels across a leased area of approximately 11,983 acres within a 13,868-acre gross parcel boundary of privately owned land in unincorporated Kern County, California. The majority of the 11,983-acre project area is currently under agricultural use or developed in the valley region of the County.

The project includes the construction and operation of a photovoltaic (PV) solar facility and associated infrastructure necessary to generate up to 2 gigawatts of alternating current (AC) power with an up to 2-gigawatt battery energy storage system (BESS). Additional components of the project include solar modules and racking, inverters, transformers, service roads, a power collection system, communication cables, microwave/ radio towers, meteorological stations, a generation-transmission (gen-tie) line with optical ground wire and overhead and underground transmission lines, electrical switchyards, project substations, security fencing, use of onsite water wells, and operations and maintenance (O&M) facilities.

The project would be supported by one or more 500 kilovolt (kV) gen-tie electrical transmission lines originating from one or more on-site substations and terminating at the existing PG&E Midway Substation. The project study area includes the development footprint and gen-tie/collector line, which includes a 200-foot corridor. PG&E will modify the Midway Substation's 500 kV yard within their property boundary to accommodate the proposed project's interconnection. The PG&E Midway Substation parcels comprise approximately 255 acres; however, only a small portion, up to 38.6 acres, will be impacted by the proposed project. PG&E will install and trench underground several fiber-optic lines to the west of the gen-tie route to facilitate communication between the Midway Substation and the Point of Change of Ownership, approximately 0.25-mile northwest. Up to four 175-foot-tall lattice steel towers (LST) or tubular steel poles (TSPs) would support the proposed transmission line and the project's interconnection.

The proposed facilities are expected to be operational for up to 35 years. The full project description is provided in the project's California Environmental Quality Act (CEQA) environmental impact report and should be referenced for additional details regarding the project description.

## 1.3 Project Location

The project site is in unincorporated Kern County directly north of the community of Buttonwillow, approximately 2 miles west of the City of Shafter and approximately 7 miles southwest of the City of Wasco. The project site straddles Interstate 5 (I-5) east of Buttonwillow Raceway Park, just north of State Route (SR) 58, and south of SR-46. Several single-family homes and agriculture-related structures are near the project boundary. Properties within the project include a dairy, a few single-family homes, and some varied structures for agricultural use, all of which would be removed during project construction. Vehicular access to the site would likely be from Wasco Way, Merced Avenue, Lerdo Highway, Rowlee Road, Wildwood Road, Riverside Street, Burbank Street, Buttonwillow Drive, 7th Standard Road, Snow Road, Blue Star Memorial Highway, and Sullivan Road. Many dirt roads crisscross the project site.

# 2 Regulatory Setting

## 2.1 Federal

### 2.1.1 Farmland Protection Policy Act (7 U.S.C. Section 4201)

The purpose of the Farmland Protection Policy Act (FPPA) is to minimize the extent to which federal programs contribute to the unnecessary and irreversible conversion of farmland to nonagricultural uses. It additionally directs federal programs to be compatible with state and local policies for the protection of farmlands. The FPPA does not authorize the federal government to regulate the use of private or nonfederal land or in any way affect the property rights of owners of such land. Information regarding the FPPA is provided for background information in this report.

Federal agencies are required to develop and review their policies and procedures to implement the FPPA every 2 years.

For the purposes of FPPA, farmland includes prime farmland, unique farmland, and farmland of statewide or local importance, defined as follows in 7 U.S.C. Section 4201:

Prime farmland is land that has the best combination of physical and chemical characteristics for producing food, feed, fiber, forage, oilseed, and other crops with minimum inputs of fuel, fertilizer, pesticides, and labor, and without intolerable soil erosion, as determined by the Secretary. Prime farmland includes land that possesses the above characteristics but is being used currently to produce livestock and timber. It does not include land already in or committed to urban development or water storage; Unique farmland is land other than prime farmland that is used for production of specific high-value food and fiber crops, as determined by the Secretary. It has the special combination of soil quality, location, growing season, and moisture supply needed to economically produce sustained high quality or high yields of specific crops when treated and managed according to acceptable farming methods. Examples of such crops include citrus, tree nuts, olives, cranberries, fruits, and vegetables; and Farmland, other than prime or unique farmland, that is of statewide or local importance for the production of food, feed, fiber, forage, or oilseed crops, as determined by the appropriate State or unit of local government agency or agencies, and that the Secretary determines should be considered as farmland for the purposes of this chapter.

Projects are subject to FPPA requirements if they may irreversibly convert farmland (directly or indirectly) to nonagricultural use and are completed by a federal agency or with assistance from a federal agency (USDA 2023a). None of the project site is affected by the FPPA requirements.

## 2.2 State

### 2.2.1 Farmland Mapping and Monitoring Program

The Farmland Mapping and Monitoring Program (FMMP) was created by the California Legislature in 1982. It requires the DOC to prepare, update, and maintain Important Farmland Series Maps and other soils and land capability information. Under the FMMP, DOC categorizes land into the following categories:

**Prime Farmland.** This land has the best combination of physical and chemical features able to sustain long-term agricultural production. In order to be shown on FMMP's Important Farmland Maps as Prime Farmland, land must meet both the following criteria: First, it must have been used for irrigated agricultural production at some time during the 4 years prior to the FMMP Important Farmland Map date. FMMP staff determines irrigated land use by analyzing current aerial photos, local comment letters, and related GIS data, supplemented with field verification. Second, the soil must meet the physical and chemical criteria for Prime Farmland or Farmland of Statewide Importance as determined by the USDA Natural Resources Conservation Service, which compiles lists of which soils in each survey area meet the quality criteria. Factors considered in qualification of a soil by the Natural Resources Conservation Service include:

- Water moisture regimes, available water capacity, and developed irrigation water supply
- Soil temperature range
- Acid–alkali balance
- Water table
- Soil sodium content
- Flooding (uncontrolled runoff from natural precipitation)
- Erodibility
- Permeability rate
- Rock fragment content
- Soil rooting depth

Prime farmland soils commonly get an adequate and dependable supply of moisture from precipitation or irrigation. Temperature and growing season are favorable, and the level of acidity or alkalinity is acceptable. The soils have few rocks and are permeable to water and air, not excessively erodible or saturated with water for long periods, and not flooded during the growing season.

**Farmland of Statewide Importance.** This is land similar to Prime Farmland but with minor shortcomings, such as greater slopes or less ability to store soil moisture. Land must have been used for irrigated agricultural production at some time during the 4 years prior to the mapping date.

**Unique Farmland.** This is land of lesser quality soils used for the production of the state's leading agricultural crops. This land is usually irrigated but may include non-irrigated orchards or vineyards as found in some climatic zones in California. Land must have been cropped at some time during the 4 years prior to the mapping date.

**Farmland of Local Importance.** This is land of importance to the local agricultural economy as determined by each county's board of supervisors and a local advisory committee. The Kern County Board of Supervisors has determined that there is no Farmland of Local Importance in Kern County.

**Grazing Land.** This is land on which the existing vegetation is suited to the grazing of livestock.

**Urban and Built-Up Land.** This is land occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. This land is used for residential, industrial, commercial, construction, institutional, public administration, railroad and other transportation yards, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, water control structures, and other developed purposes.

**Other Land.** This is land not included in any other mapping category. Common examples include low-density rural developments; brush, timber, wetland, and riparian areas not suitable for livestock grazing; confined livestock, poultry or aquaculture facilities; strip mines, borrow pits; and water bodies smaller than 40 acres. Vacant and nonagricultural land surrounded on all sides by urban development and greater than 40 acres is mapped as Other Land. The Rural Land Mapping Project provides more detail on the distribution of various land uses within the Other Land category. The Rural Land categories include:

- Rural Residential Land
- Semi-agricultural and Rural Commercial Land
- Vacant or Disturbed Land
- Confined Animal Agriculture
- Nonagricultural or Natural Vegetation
- Water — Perennial water bodies with an extent of at least 40 acres

## 2.2.2 California Land Conservation Act (Williamson Act)

The California Land Conservation Act of 1965, also known as the Williamson Act, was established with the basic intent of encouraging the preservation of the state's agricultural lands in view of the increasing trends toward their "premature and unnecessary" urbanization. The Williamson Act enables local governments to enter into contracts with private landowners for the purpose of restricting specific parcels of land to agricultural or related open space use. In return, landowners receive property tax assessments that are much lower than normal because they are based on farming and open space uses as opposed to full market value. Local governments have traditionally received annual subvention of forgone property tax revenues from the state via the Open Space Subvention Act of 1971. The historic average subvention totaled $23.3 million per year between 1972 and 2008. In 2009, the subvention payments were reduced to a total of $1,000 annually. There have been no subvention payments made to counties since 2009 (RCRC 2020).

Williamson Act contracts must have an initial term of at least 10 years. Williamson Act contracts are available only when the land is located within an established agricultural preserve. Every year, absent a notice of nonrenewal, the contract is automatically extended, or "renewed" for an additional year.

### Williamson Act Contract Termination Methods

**Nonrenewal.** The landowner or the local government files a notice of nonrenewal. The automatic renewal does not occur, and the contract eventually expires at the end of the term (usually 9 years). During this time, the property taxes gradually rise to the full, unrestricted rate at the end of the nonrenewal period.

**Cancellation.** If a landowner desires to terminate a contract prior to the 9-year nonrenewal period, contract cancellation is an option under limited circumstances and conditions set forth in Government Code Section 51280 et seq. In such cases, landowners may petition the Board of Supervisors for Williamson Act contract cancellation. The Board may grant tentative cancellation if it makes required statutory findings (Government Code Section 51282[a]). If the required findings are met, the landowner is required to pay a cancellation fee equal to 12.5% of the unrestricted fair market value of the property (Government Code Section 51283[b]). Alternatively, instead of paying the fee, the landowner may provide a restrictive easement on other land under DOC's easement exchange program (Government Code sections 51256-51256.3).

### 2.2.3 Farmland Security Zone Act

The Farmland Security Zone Act is similar to the Williamson Act and was passed by the California State Legislature in 1999 to ensure that long-term farmland preservation is part of public policy. (Government Code sections 51296-51297.4) Farmland Security Zone Act contracts are sometimes referred to as "Super Williamson Act Contracts." Under the provisions of this act, a landowner already under a Williamson Act contract can apply for Farmland Security Zone status by entering into a contract with the county. Farmland Security Zone contracts must be for an initial term of at least 20 years. As with Williamson Act contracts, each year an additional year is automatically added to the contract term unless a notice of nonrenewal is given. In return for a further 35% reduction in the property tax value of land and growing improvements (in addition to Williamson Act tax benefits), the owner of the property promises not to develop the property into nonagricultural uses during the term of the contract. Farmland Security Zone contracts may also be canceled, but only upon a finding that cancellation would both service the purposes of the Williamson Act and would be in the public interest (Government Code section 51297).

## 2.3 Local

### 2.3.1 Kern County General Plan

The Kern County General Plan is a policy document designed to give long-range guidance to those County officials making decisions affecting the growth and resources of the unincorporated Kern County jurisdiction (Kern County 2009).

The Kern County General Plan provides goals, policies, and implementation measures for the conservation and/or improvements on agricultural lands. Below is an outline of the policy that addresses agricultural land (Land Use, Conservation, and Open Space Element, Section 1.9 – Resource Land Use Designation). These goals, policies and implementation measures express legislative policy determinations that will be evaluated by Kern County when deciding whether to approve the project.

#### Goals

1. To contain new development within an area large enough to meet generous projections of foreseeable need, but in locations that will not impair the economic strength derived from the petroleum, agriculture, rangeland, or mineral resources, or diminish the other amenities that exist in the County.
2. Protect areas of important mineral, petroleum, and agricultural resource potential for future use.
3. Ensure the development of resource areas minimize effects on neighboring resource lands.
4. Encourage safe and orderly energy development within the County, including research and demonstration projects, and to become actively involved in the decisions and actions of other agencies as they affect energy development in Kern County.
5. Conserve prime agriculture lands from premature conversion.
6. Encourage alternative sources of energy, such as solar and wind energy, while protecting the environment.

### Policies

1. Appropriate resource uses of all types will be encouraged as desirable and consistent interim uses in undeveloped portions of the County regardless of General Plan designation.
7. Areas designated for agricultural use, which include Class I and II and other enhanced agricultural soils with surface delivery water systems, should be protected from incompatible residential, commercial, and industrial subdivision and development activities.
12. Areas identified by the Natural Resource Conservation Service (Formerly Soil Conservation Service) as having high range-site value should be conserved for Extensive Agriculture uses or Resource Reserve, if located within a County water district.
16. The County will encourage development of alternative energy sources by tailoring its Zoning and Subdivision Ordinances and building standards to reflect Alternative Energy Guidelines published by the California State Energy Commission
18. Actively monitor the actions of local, State, and federal agencies related to energy development in Kern County and lobby and present its position on such matters as needed to protect County interests.
19. Work with other agencies to define regulatory responsibility concerning energy-related issues.

### Implementation Measures

**Implementation Measure F:** Prime agricultural lands, according to the Kern County Interim – Important Farmland 2000 map produced by the DOC, which have Class I, or II soils and a surface delivery water system shall be conserved through the use of agricultural zoning with minimum parcel size provisions.

**Implementation Measure G:** Property placed under the Williamson Act/Farmland Security Zone Contract must be in a Resource designation.

**Implementation Measure I:** Periodically review the Zoning Ordinance to reflect new technology and energy sources and encourage these types of uses for new development.

**Implementation Measure J:** The County shall continue to monitor new legislation as it relates to energy production and periodically review the General Plan and Zoning Ordinance for any required updates.

## 2.3.2 Kern County Zoning Ordinance

The Kern County Ordinance Title 19 – Zoning (2022) was adopted to promote and protect the public health, safety, and welfare through the orderly regulation of land uses throughout the unincorporated areas of the County.

The project site is zoned Exclusive Agriculture. According to the zoning ordinance, the Exclusive Agriculture designation is applied to areas that are suitable for agricultural uses to prevent the encroachment of incompatible uses onto agricultural lands and premature conversion of such lands to nonagricultural uses. Allowable land uses within this zone include growing and harvesting crops; breeding and raising animals; agricultural industries; single-family dwellings; fruit stands and agricultural supply services; recreation, entertainment, and tourist facilities; utility and communications facilities; resource extraction; waste facilities; institutional/educational uses; and various miscellaneous uses such as animal shelters and clubs.

Solar development is permitted within the Exclusive Agriculture zones with the issuance of a Conditional Use Permit, pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance and the Kern County Agricultural Preserve Standard Uniform Rules.

### 2.3.3 Agricultural Preserve Standard Uniform Rules

Kern County has adopted a set of Agricultural Preserve Standard Uniform Rules that identify land uses that are considered compatible uses within agricultural preserves established under the Williamson Act. These rules are designed to restrict the uses of land enrolled in a Williamson Act contract to agriculture or other compatible uses. Agricultural uses include crop cultivation grazing operations, commercial wind farms, livestock breeding, dairies, and uses that are incidental to agricultural uses. Other compatible uses include the erection of gas, electricity, communications, water, and other similar public utilities.

# 3 Environmental Setting

## 3.1 State of California

### 3.1.1 Agricultural Production

According to the most recent California Agricultural Statistics Review prepared by the California Department of Food and Agriculture (2021), California had 69,900 farms and ranches in 2020. The state's 69,600 farms and ranches received $49.1 billion for their output, down from the $50.8 billion received in 2019. California's revenue was led by the dairy industry followed by almonds and miscellaneous crops, which includes nursery and greenhouse crops.

Almost 29% of California farms generated commodity sales over $100,000, greater than the national average of 18.5%. The amount of land devoted to farming and ranching in California was 24.3 million acres in 2020, the same as in 2019. The average farm size was 349 acres in 2020, up slightly from the 2019 average farm size of 348 acres and below the national average of 444 acres.

California remained the leading state in cash farm receipts in 2020 with combined commodities representing over 13.7% of the U.S. total. California's leading crops remained fruits, nuts, and vegetables.

### 3.1.2 Farmland Conversion

According to the DOC's most recent Farmland Conversion Report, irrigated farmland in California decreased by more than 56,186 net acres between 2016 and 2018 (DOC 2024a). The highest-quality farmland, known as Prime Farmland, decreased by 38,683 net acres, coupled with a Farmland of Statewide Importance decrease of 30,052 net acres. The addition of 12,549 net acres of irrigated crops on lesser quality soils, mapped as Unique Farmland, partially offset these losses of farmland. New development in California totaled 37,583 net acres for this period, taking 11,465 acres out of irrigated farmland (Prime, Statewide, and Unique Farmland). Southern California led the way in new development, with 21,046 acres of development. Solar facility development accounted for 17,192 acres of new development between 2016 and 2018. Solar facility construction was a significant component of the increases in new development in Imperial (91%), Kern (73%), Los Angeles (67%), and Fresno (63%) counties. Land was removed from irrigated categories—to uses aside from urban—at a rate 19% higher than compared with the prior update (128,105 acres in 2014-2016 and 152,627 acres in 2016-2018). Land idling, where irrigated land was converted to nonirrigated land due to a lack of irrigation over time, conversion to dry farming, or in advance of a planned use for new development, was responsible for the conversion of 117,927 acres or 77% of the land removed from irrigation.

## 3.2 Kern County

### 3.2.1 Agricultural Production

The most recent Annual Crop and Livestock Report prepared by the Kern County Department of Agriculture and Measurement Standards states that in 2021 Kern County contained 847,383 acres of harvested land. Within that acreage, the top commodities include 573,250 acres harvested for fruit and nut crops, 203,343 acres of field crops

(does not include rangeland), and 67,370 acres of vegetable crops (Kern County 2021). The 2021 total value of agricultural commodities produced in Kern County was $8,341,294,840; this represents a 9% increase from the 2020 crop value. The top five commodities for 2021 were grapes, citrus, pistachios, almonds, and milk, which make up more than $6.3 billion (75%) of the total value.

### 3.2.2 Farmland Conversion

According to the DOC's Important Farmland Data for Kern County, from 2018 to 2020, 1,518 acres in Kern County were converted from Important Farmland as identified by the FMMP to other uses (DOC 2024b). The conversion of agricultural land to other uses is affected by various economic factors, such as the economic benefits property owners sometimes realize by converting their farmland to residential, commercial, or industrial uses.

Table 1 provides a summary of the amount and type of total acreage in Kern County between 2016 and 2020, using the classifications of agricultural land provided by the FMMP.

**Table 1. Kern County Important Farmland Summary (2016-2020)**

| Classification | 2016 (acres) | 2018 (acres) | 2020 (acres) |
|---|---|---|---|
| Prime Farmland | 579,297 | 573,934 | 567,066 |
| Farmland of Statewide Importance | 209,484 | 208,323 | 207,938 |
| Unique Farmland | 91,321 | 91,770 | 93,710 |
| Farmland of Local Importance | 0 | 0 | 0 |
| **Important Farmland Total** | **880,102** | **874,027** | **868,714** |
| **Total County Area Inventoried** | **5,224,315** | **5,224,313** | **5,224,313** |

## 3.3 Project Site and Zone of Influence

### 3.3.1 Agricultural Production

The project site is currently either used for agricultural operations and/or vacant undisturbed land designated for agricultural use. A review of the Kern County Annual Crop and Livestock Reports (2018–2023) and Kern County Department of Agricultural and Measurements Standards GIS database (Kern County 2024) was completed in order to determine the agricultural crop production at the project site and within the project's Zone of Influence (ZOI).[1] Please note that acreage is estimated based on Kern County Department of Agricultural and Measurements Standards GIS database and aerial imagery. The acreage figures do not include access roads or gen-tie.

Tables 2 and 3 include the acreage of agricultural production from 2018 through 2023 within the project site and the ZOI, respectively.

[1] A project's Zone of Influence (ZOI) is defined as that land near a given project, both directly adjoining and within a defined distance away, that is likely to influence, and be influenced by, the agricultural land use of the subject project site. Pursuant to the LESA model instructions, the ZOI is mapped by drawing the smallest rectangle that completely contains all the project parcels, creating a second rectangle extending 0.25 miles out from that rectangle, and then mapping all parcels that intersect the outer rectangle. The total ZOI acreage for the project site is approximately 50,759 acres.

**Table 2. Agricultural Production within the Project Site**

| Year | Crop Type (Top 5 Most Common Crops) | Acres |
|---|---|---|
| 2018 | Almond, Alfalfa, Corn, Wheat, Cotton | 10,785 |
| 2019 | Almond, Alfalfa, Corn, Wheat, Cotton | 10,813 |
| 2020 | Almond, Alfalfa, Corn, Wheat, Cotton | 10,558 |
| 2021 | Almond, Alfalfa, Corn, Wheat, Cotton | 10,602 |
| 2022 | Almond, Alfalfa, Corn, Wheat, Cotton | 10,467 |
| 2023 | Almond, Alfalfa, Corn, Wheat, Carrot | 10,450 |

**Table 3. Agricultural Production within the Zone of Influence**

| Year | Crop Type (Top 5 Most Common Crops) | Acres |
|---|---|---|
| 2018 | Almond, Alfalfa, Corn, Wheat, Pistachio | 40,825 |
| 2019 | Almond, Alfalfa, Corn, Wheat, Pistachio | 40,711 |
| 2020 | Almond, Alfalfa, Corn, Wheat, Pistachio | 39,861 |
| 2021 | Almond, Alfalfa, Corn, Wheat, Pistachio | 39,699 |
| 2022 | Almond, Alfalfa, Corn, Wheat, Pistachio | 39,496 |
| 2023 | Almond, Alfalfa, Corn, Wheat, Pistachio | 39,328 |

## 3.3.2 Farmland Designations

As shown in Figure 3, Important Farmland, the project site is designated as Prime Farmland, Farmland of Statewide Importance, Unique Farmlands, Grazing Land, and Other Land according to the Farmland Mapping and Monitoring Program (DOC 2024b). Table 4 provides a breakdown of the acres of each FMMP designation.

**Table 4. FMMP Important Farmland within the Project Site**

| Type | Acres |
|---|---|
| Prime Farmland | 5,784.16 |
| Farmland of Statewide Importance | 4,128.00 |
| Unique Farmlands | 670.03 |
| Grazing Land* | 590.14 |
| Other Land* | 810.67 |

Notes:
It should be noted that the acreages noted in this table exceed the acres of land currently in agricultural production (Table 2). Isolating the Prime Farmland, Farmland of Statewide Importance, and Unique Farmlands categories results in a total of 10,582 acres, which is more line with the acres currently in agricultural production in Table 2. Other factors that may contribute to the acreage difference between mapped Important Farmland and lands under current agricultural production is the difference between the date of the most recent Farmland Mapping and Monitoring Program data (2020) and the date of the lands in current agricultural production data (2023).

* Not considered "Important Farmland" pursuant to CEQA. Other Land Includes Semi-Agricultural and Rural Commercial Land, Urban and Built-Up Land, Vacant Land, Confined Animal Agriculture, and Nonagricultural or Natural Vegetation.

FMMP designations within the project's ZOI are also shown in Figure 3 and detailed below in Table 5.

**Table 5. FMMP Important Farmland within the Zone of Influence**

| Type | Acres |
|---|---|
| Prime Farmland | 21,552.51 |
| Farmland of Statewide Importance | 17,580.38 |
| Unique Farmlands | 2,636.49 |
| Grazing Land* | 1,173.23 |
| Other Land* | 7,816.17 |

Note:
* Not considered Important Farmland pursuant to CEQA. Other Land Includes Rural Residential, Semi-Agricultural and Rural Commercial Land, Urban and Built-Up Land, Vacant Land, Confined Animal Agriculture, and Nonagricultural or Natural Vegetation.

### 3.3.3 Williamson Act and Farmland Security Zone Lands

Based on a review of Kern County data and confirmation from the property owner and title reports, several project site parcels are enrolled in the Williamson Act and Farmland Security Zone programs (Kern County 2024). There are approximately 10,689 acres of Williamson Act and Farmland Security Zone lands within the project site, consisting of Prime Farmland (9,046 acres), Mixed (1,408 acres), and Farmland Security Zone lands (235 acres).

Williamson Act and Farmland Security Zone designations within the project site and project's ZOI are shown in Figure 4, Williamson Act Contracted Lands and Agricultural Preserves. As shown on Figure 4 and according to data provided via the County's GIS database (Kern County 2023), there are approximately 39,739 acres of Williamson Act and Farmland Security Zone lands within the ZOI.

### 3.3.4 Soils

As shown on Figure 5, Soils, and detailed in Table 6, the project site contains the following soils on site: Buttonwillow clay, drained; Buttonwillow clay, partially drained; Granoso loamy sand, 0% to 2% slopes; Garces silt loam; Garces silt loam, moderately wet; Jerryslu loam; Kimberlina fine sandy loam, 0% to 2% slopes Major Land Resource Area (MLRA) 17; Lerdo clay loam, saline-alkali, partially drained; Lerdo complex, drained; Lokern clay, drained; Lokern clay, saline-alkali, drained; Milham sandy loam, 0% to 2% slopes MLRA 17; Panoche clay loam, 0% to 2% slopes; Calflax clay loam, saline-sodic, 0% to 2% slopes, MLRA 17; and water.

**Table 6. Soil Types on the Project Site**

| Soil Type Number | Soil Type Name | Acres on the Project Site |
|---|---|---|
| 123 | Buttonwillow clay, drained | 1,007.22 |
| 124 | Buttonwillow clay, partially drained | 60.00 |
| 125 | Granoso loamy sand, 0% to 2% slopes | 131.52 |
| 156 | Garces silt loam | 3,007.77 |
| 157 | Garces silt loam, moderately wet | 2.84 |
| 165 | Jerryslu loam | 349.67 |
| 174 | Kimberlina fine sandy loam, 0% to 2% slopes MLRA 17 | 1,890.41 |
| 181 | Lerdo clay loam, saline-alkali, partially drained | 94.42 |
| 182 | Lerdo complex, drained | 629.36 |
| 187 | Lokern clay, drained | 10.99 |

**Table 6. Soil Types on the Project Site**

| Soil Type Number | Soil Type Name | Acres on the Project Site |
|---|---|---|
| 188 | Lokern clay, saline-alkali, drained | 904.56 |
| 196 | Milham sandy loam, 0% to 2% slopes MLRA 17 | 2,879.69 |
| 211 | Panoche clay loam, 0% to 2% slopes | 65.67 |
| 214 | Calflax clay loam, saline-sodic, 0% to 2% slopes, MLRA 17 | 924.13 |
| 257 | Water | 25.06 |
| | **Total** | **11,983.31** |

## 3.3.5 Water Supplies

The project site is located within the service area of three water agencies/districts including Kern County Water Agency, Semitropic Water Storage District (SWSD), and Rosedale-Rio Bravo Water Storage District. Additionally, the portion of the project site occupied by the Midway Substation intersects the service area of Buena Vista Water Storage District (BVWSD) and Buttonwillow County Water District, a community water system.

The majority of the project is located within SWSD. The SWSD is the largest water storage district in Kern County and covers an area of approximately 224,000 acres. SWSD currently provides water to approximately 130,000 irrigated acres and nearly 300 customers. SWSD delivers water directly for agricultural use only. SWSD began importing State Water Project (SWP) water in 1973 and has a Table A entitlement of 155,000 acre-feet per year (AFY), although the annual average volume SWSD receives each year has historically been about one half of the full allocation. From 2010 to 2020, SWSD received an average of 74,682 AFY of Table A SWP water and 9,194 AFY of Article 21 SWP water. The SWP is the nation's largest state-owned water system, extending two-thirds the length of California and more than 705 miles. The California Department of Water Resources (DWR) manages and operates the SWP to ensure adequate water supplies are available to meet both human and environmental requirements under various hydrologic conditions. The SWP derives its water from rivers and reservoirs in Northern California and the Sacramento-San Joaquin River Delta and delivers water to 750,000 acres of farmland and 27 million people in Central and Southern California. The SWP contractors consist of 29 public entities that have long-term contracts with DWR for all or a portion of their water needs (DWR 2020).

Based on SWSD's Table A entitlement of 155,000 AFY and the current 2023 allocation of 100%, SWSD is projected to receive an estimated 155,000 acre-feet (AF) of Table A water in 2023. DWR predicts the future average annual Table A allocation to average about 58% of contract amounts, which would yield an average supply of approximately 89,900 AFY for SWSD (SWSD 2021).

In addition to delivery of SWP water, SWSD receives surface water deliveries from Poso Creek, water transfers, and leave behind from water banking (10% of banked water). Similar to the SWP water deliveries, the amount of water SWSD receives from the above sources has historically varied from year to year. Between 2010 and 2020, SWSD received an average of 3,042 AFY from Poso Creek, 43,619 AFY from water transfers, and 10,281 AFY from banking leave behind. When combined with the SWP deliveries, SWSD's average total supply over the period from 2010 to 2020 was 149,048 AFY (SWSD 2021).

As confirmed by the property owners, crop cultivation and associated irrigation water delivery has occurred on the project site in the past. Water use has entailed groundwater from private wells on the project site and water purchased from SWSD, Rosedale-Rio Bravo Water Storage District, and BVWSD.

However, based on information contained within the Kern Groundwater Authority (KGA) Groundwater Management Plan, it is important to note that SWSD will target an overall reduction of 123,350 AF annually as a benchmark. Within the SWSD service area, this represents the potential fallowing of between 32,650 and 44,250 acres of irrigated lands if no additional water supplies can be developed to offset this deficit (KGA 2022).

DWR identifies the Kern County Groundwater Subbasin (Subbasin) as a high-priority, critically overdrafted basin. As such, the Subbasin has 14 Groundwater Sustainability Agencies (GSAs) that have developed 6 Groundwater Sustainability Plans (GSPs) to achieve basin sustainability (KGA 2022). The project site is located in an area managed by 2 GSAs and GSPs, including the KGA GSP and BVWSD GSP. The majority of the project site is covered by the KGA GSP.

The KGA, through a Joint Powers Agreement, represents 12 member agencies in the Subbasin, including SWSD and Rosedale-Rio Bravo Water Storage District (KGA 2022). KGA's comprehensive GSP covers approximately 1.3 million acres of the Subbasin. SWSD also formed a GSA and prepared a GSP in conjunction with, and in support of, the Subbasin-wide GSP developed by KGA. Although SWSD coordinates with KGA for SGMA purposes, its own GSP can act as a standalone GSP governing its management area (SWSD 2019). BVWSD is an independent GSA and as such prepared its own GSP. The BVWSD GSP was developed in coordination with the KGA GSP, and the two are in reasonable agreement in terms of the sustainable management criteria, projects, and management actions that will be implemented to achieve basin sustainability (BVWSD 2020; KGA 2022).

The KGA GSP identifies more than 150 projects and management actions designed to help achieve basin sustainability, such as tiered pricing for groundwater pumping, land fallowing, and enhanced groundwater recharge (KGA 2022). Although the project would use up to 1,000 AFY for construction and 7 AFY for operations and maintenance, conversion of the project site to a less-intensive water use (from agriculture to solar electric) is supportive of KGA's GSP long-term sustainability goal.

Modification of the project site to a less-intensive water use (from agriculture to solar electric) is also supportive of the Poso Creek Regional Water Management Group's strategies to respond to climate change. The Integrated Regional Water Management Planning Act of 2002 (Senate Bill 1672) authorizes a regional water management group to prepare and adopt an integrated regional water management plan (IRWMP) that addresses regional-scale water supply and related matters. The project site falls within the Poso Creek IRWMP area. The Poso Creek Regional Water Management Group was formed in 2005 and comprises water districts, agencies, and other interested parties in the region, including SWSD, who is the lead agency. The Poso Creek Regional Water Management Group prepared an IRWMP in 2007 and recently updated the IRWMP in 2019 (Poso Creek RWMG 2019). The Poso Creek IRWMP outlines a number of regional goals and measurable objectives that provide a basis for all regional planning efforts, including to maintain and enhance water supply reliability, improve operational efficiency and flexibility, reduce water demand, and others (Poso Creek RWMG 2019). The Poso Creek IRWMP includes an assessment of the effects of climate change on regional water supplies and agricultural water demand. The assessment determined that Water Supply and Water Demand have the highest level of vulnerability to potential climate change impacts in the region. That is, the effects of climate change are expected to result in a decrease in average surface water deliveries via the California Aqueduct and are expected to increase evapotranspiration, which in turn will lead to an increase in agricultural water demand for irrigation.

A Water Supply Assessment has been prepared under separate cover in accordance with Senate Bill 610 to examine the availability of the identified water supply under normal-year, single-dry-year, and multiple-dry-year conditions over a 20-year projection, accounting for the projected water demand of the project plus other existing and planned future uses of the identified water supply. Please refer to the Water Supply Assessment for additional details regarding water supply (Dudek 2024).

INTENTIONALLY LEFT BLANK

# 4 Impacts from Temporary Farmland Conversion

## 4.1 Methodology

This section evaluates the impacts from farmland conversion with respect to the factors identified by Kern County and the LESA model. The LESA model is a systematic model that can be used to assess the relative value of farmland in California. The California Agricultural LESA Model is designed to make determinations of the potential significance of a project's conversion of agricultural lands during the Initial Study phase of the CEQA review process.

## 4.2 Land Evaluation and Site Assessment

The project has been evaluated pursuant to the LESA model developed by the DOC. As stated in the LESA Model Instruction Manual (DOC 1997):

> Land Evaluation and Site Assessment (LESA) is a term used to define an approach for rating the relative quality of land resources based upon specific measurable features. The formulation of a California Agricultural LESA Model is the result of Senate Bill 850 (Chapter 812 /1993), which charges the Resources Agency, in consultation with the Governor's Office of Planning and Research, with developing an amendment to Appendix G of the California Environmental Quality Act (CEQA) Guidelines concerning agricultural lands. Such an amendment is intended "to provide lead agencies with an optional methodology to ensure that significant effects on the environment of agricultural land conversions are quantitatively and consistently considered in the environmental review process (Public Resources Code Section 21095).
>
> The California Agricultural LESA Model is composed of six different factors. Two Land Evaluation factors are based upon measures of soil resource quality. Four Site Assessment factors provide measures of a given project's size, water resource availability, surrounding agricultural lands, and surrounding protected resource lands. For a given project, each of these factors is separately rated on a 100-point scale. The factors are then weighted relative to one another and combined, resulting in a single numeric score for a given project, with a maximum attainable score of 100 points. It is this project score that becomes the basis for making a determination of a project's potential significance, based upon a range of established scoring thresholds.

### 4.2.1 Land Evaluation Factors

The first factors of the LESA model calculation are part of the Land Evaluation component, which entails determining two relative scores for on-site soil types, including the U.S. Department of Agriculture's Land Capability Classification (LCC) rating, and Storie Index rating. According to the LESA model instructions, the LCC rating indicates the suitability of soils for most kinds of crops; groupings are made according to the limitations of the soils when used to grow crops, and the risk of damage to soils when they are used in agriculture. Soils are rated from Class I to Class VIII, with soils having the fewest limitations receiving the highest rating (Class I). The first four classes are arable

land—suitable for cropland—in which the limitations on their use and necessity of conservation measures and careful management increase from I through IV. The criteria for placing a given area in a class involve the landscape location, slope of the field, and depth, texture, and reaction of the soil. The remaining four classes, V through VIII, are not to be used for cropland, but may have uses for pasture, range, woodland, grazing, wildlife, recreation, and aesthetic purposes. Within the broad classes are subclasses that signify special limitations such as (e) erosion, (w) excess wetness, (s) problems in the rooting zone, and (c) climatic limitations. A description of each of the LCC and their ratings are provided below:

- **Class I:** Soils have few limitations that restrict their use. Rating: 100
- **Class II:** Soils have moderate limitations that reduce the choice of plants, or that require special conservation practices. Rating: 90 (IIe) or 80 (IIs, w)
- **Class III:** Soils have severe limitations that reduce the choice of plants, require conservation practices, or both. Rating: 70 (IIIe) or 60 (IIIs, w)
- **Class IV:** Soils have very severe limitations that reduce the choice of plants, require very careful management, or both. Rating: 50 (IVe) or 40 (IVs, w)
- **Class V:** Soils are not likely to erode but have other limitations; impractical to remove soils that limit their use largely to pastures or range, woodland, or wildlife habitat. Rating: 30
- **Class VI:** Soils have severe limitations that make them generally unsuited to cultivation and limit their use largely to pasture, or range, woodland, or wildlife habitat. Rating: 20
- **Class VII:** Soils have very severe limitations that make them unsuited to cultivation and that restrict their use largely to pasture or range, woodland or wildlife habitat. Rating: 10
- **Class VIII:** Soils and landforms have limitations that preclude their use for commercial plant production and restrict their use to recreation, wildlife habitat, or water supply, or to aesthetic purposes. Rating: 0

The LCC contains ratings for irrigated soils and non-irrigated soils. For the purposes of this analysis, because active agriculture is occurring on a majority of the site, the irrigated ratings are used herein. However, in the event water supply is reduced on site in the future, non-irrigated ratings could apply. Non-irrigated ratings for the soils on the project site are Class VII.

The Storie Index provides a numeric rating (based on a 100-point scale) of the relative degree of suitability or value of a given soil for intensive agriculture and is based upon soil characteristics only (DOC 1997). Four factors that represent the inherent characteristics and qualities of the soil are considered in the Storie Index rating: profile characteristics, texture of the surface layer, slope, and other factors such as drainage or salinity. In some situations, only the United States Department of Agriculture's LCC information may be available. In situations where other information is available, the Storie Index ratings can be calculated from information contained in soil surveys conducted by qualified soil scientists; however, if limitations of time and/or resources restrict the derivation of the Storie Index rating using these methods, the Storie Index rating may be obtained by relying solely upon the LCC rating. In addition, the USDA, Natural Resources Conservation Services provides a useful online mapping tool that provides soil information and data which includes the Storie Index rating for approximately 95% of all U.S. sites. A score ranging from 0% to 100% is determined for each factor, and the scores are then multiplied together to derive an index rating. Storie Index ratings have been combined into six grade classes as follows: Grade 1 (excellent), 100 to 80; Grade 2 (good), 79 to 60; Grade 3 (fair), 59 to 40; Grade 4 (poor), 30 to 20; Grade 5 (very poor), 19 to 10; and Grade 6 (non-agricultural), less than 10.

LCC and Storie Index ratings for the on-site soil types were obtained from the current soil survey information available at the U.S. Department of Agriculture Natural Resources Conservation Service website (USDA 2023b).

On-site soils and their respective acreages, LCC rating, and Storie Index rating are presented below in Table 7. Based on the weighted percentage of the total project site, the comprehensive LCC score of the project site is 78.88, and the Storie score of the project site is 58.60.

**Table 7. LESA Model Land Evaluation Worksheet**

| Soil Type | Size of Project Site (acres) | Proportion of Project Site | LCC (Irrigated) | LCC Rating (Irrigated) | LCC Score | Storie Index | Storie Score |
|---|---|---|---|---|---|---|---|
| 123 | 1,007.22 | 8.41% | IIs | 80 | 6.72 | 34 | 2.86 |
| 124 | 60.00 | 0.50% | IIw | 80 | 0.40 | 34 | 0.17 |
| 125 | 131.52 | 1.10% | IIIe | 70 | 0.77 | 68 | 0.75 |
| 156 | 3,007.77 | 25.10% | IIIs | 60 | 15.06 | 33 | 8.28 |
| 157 | 2.84 | 0.02% | IIIw | 60 | 0.01 | 33 | 0.01 |
| 165 | 349.67 | 2.92% | IVs | 40 | 1.17 | 14 | 0.41 |
| 174 | 1,890.41 | 15.78% | I | 100 | 15.78 | 88 | 13.88 |
| 181 | 94.42 | 0.79% | IIIw | 60 | 0.47 | 40 | 0.32 |
| 182 | 629.36 | 5.25% | IIIs | 60 | 3.15 | 52.5* | 2.76 |
| 187 | 10.99 | 0.09% | IIs | 80 | 0.07 | 42 | 0.04 |
| 188 | 904.56 | 7.55% | IIIs | 60 | 4.53 | 42 | 3.17 |
| 196 | 2,879.69 | 24.03% | I | 100 | 24.03 | 80 | 19.22 |
| 211 | 65.67 | 0.55% | I | 100 | 0.55 | 90 | 0.49 |
| 214 | 924.13 | 7.71% | IIs | 80 | 6.17 | 81 | 6.25 |
| 257 | 25.06 | 0.21% | N/A | N/A | N/A | N/A | N/A |
| **Total**** | **11,983.31** | **100%** | **N/A** | **N/A** | **78.88** | **N/A** | **58.60** |

**Notes:**
LCC = Land Capability Classification; 123 = Buttonwillow clay, drained; 124 = Buttonwillow clay, partially drained; 125 = Granoso loamy sand, 0% to 2% slopes; 156 = Garces silt loam; 157 = Garces silt loam, moderately wet; 165 = Jerryslu loam; 174 = Kimberlina fine sandy loam, 0% to 2% slopes MLRA 17; 181 = Lerdo clay loam, saline-alkali, partially drained; 182 = Lerdo complex, drained; 187 = Lokern clay, drained; 188 = Lokern clay, saline-alkali, drained; 196 = Milham sandy loam, 0% to 2% slopes MLRA 17; 211 = Panoche clay loam, 0% to 2% slopes; 214 = Calflax clay loam, saline-sodic, 0% to 2% slopes, MLRA 17; and 257 = water.

* Indicates a soil type with two Storie Index values: 182 = Lerdo (49) and Lerdo (56). The average of the two Storie Index values for the soil type are reported in the table.

** Totals may not sum precisely due to rounding. Acreage calculations are based on GIS data and aerial imagery. The acreage does not include access roads and gen-tie.

## 4.2.2 Site Assessment Factors

The LESA model evaluates four Site Assessment factors, including project size, water availability, surrounding land, and protected land. These factors are analyzed in detail below.

#### 4.2.2.1 Project Size

A secondary analysis derived from the LCC scores is the project size score, which is one of four factors in the Site Assessment component of the LESA model. The Project Size rating is based upon identifying acreage totals for the soil classes derived from the Storie Index within the project site, and then determining what grouping generates the highest Project Size score and what percentage of each group of the total project site. The Project Size rating relies upon acreage figures that were tabulated under the LCC rating. Acreages within three groupings of LCC scores are tallied and used to determine a relative score that considers the amount of a project site's high-value and low-value soils, pursuant to Table 3 of the LESA Model Instruction Manual (as shown in Table 8 below).

**Table 8. Project Size Scoring**

| Class I and II | | Class III | | Class IV or lower | |
|---|---|---|---|---|---|
| Acres | Score | Acres | Score | Acres | Score |
| >80 | 100 | >160 | 100 | >320 | 100 |
| 60-79 | 90 | 120-159 | 90 | 240-319 | 800 |
| 40-59 | 80 | 80-119 | 80 | 160-239 | 60 |
| 20-39 | 50 | 60-79 | 70 | 100-159 | 40 |
| 10-19 | 30 | 40-59 | 60 | 40-99 | 20 |
| 10< | 0 | 20-39 | 30 | 10< | 0 |
| | | 10-19 | 10 | | |
| | | 10< | 0 | | |

Table 9 shows the results of this project size scoring for the project. The highest score from the three classification groupings is entered as the site's project size score. As seen in Table 9, the project's project size score is 100.

**Table 9. LESA Model Site Assessment Worksheet – Project Size**

| Soil Map Unit | LCC Class I–II | LCC Class III | LCC Class IV–VIII |
|---|---|---|---|
| 123 | 1,007.22 | N/A | N/A |
| 124 | 60 | N/A | N/A |
| 125 | N/A | 131.52 | N/A |
| 156 | N/A | 3,007.77 | N/A |
| 157 | N/A | 2.84 | N/A |
| 165 | N/A | N/A | 349.67 |
| 174 | 1,890.41 | N/A | N/A |
| 181 | N/A | 94.42 | N/A |
| 182 | N/A | 629.36 | N/A |
| 187 | 10.99 | N/A | N/A |
| 188 | N/A | 904.56 | N/A |
| 196 | 2879.69 | N/A | N/A |
| 211 | 65.67 | N/A | N/A |
| 214 | 924.13 | N/A | N/A |
| **Totals*** | **6,839.11** | **4,770.47** | **349.67** |

**Table 9. LESA Model Site Assessment Worksheet – Project Size**

| Soil Map Unit | LCC Class I–II | LCC Class III | LCC Class IV–VIII |
|---|---|---|---|
| *Project Size Scores* | *100* | *100* | *100* |

Notes:
LCC = Land Capability Classification; N/A = not applicable.
* Totals may not sum precisely due to rounding. Acreage calculations are based on GIS data and aerial imagery. The acreage does not include access roads.
Soil Map Unit 257 (Water) does not have an LCC classification and is therefore excluded from the table.

#### 4.2.2.2 Water Availability

A water resources availability score is applied based on the site's existing water sources, factoring in potential restriction scenarios that affect the site's ability to receive enough water to make agriculture economically viable during drought and non-drought years.

Irrigated agricultural production is feasible on site and has occurred on-site in the past.

The LESA model considers irrigated agricultural production feasible when:

1. There is an existing irrigation system on the project site that can serve the portion of the project identified in Step 2;
2. Physical and/or economic restrictions are not severe enough to halt production; and
3. It is possible to achieve a viable economic return on crops though irrigated production.

Irrigated agricultural production has occurred on site in the past, but it will not be feasible to maintain current levels of irrigated production because the Subbasin underlying the project site is a high-priority basin, is currently critically overdrafted, and is in need of significant reductions in pumping to achieve groundwater sustainability. SWSD's water budget is identified in Section 2.4 of their GSP (SWSD 2022). SWSD's water budget indicates an annual base water supply deficit of between 221,200 and 25,500 AF, with a median annual deficit of 123,350 (SWSD 2022).

Working with KGA and other GSAs in the Subbasin, a Subbasin-wide water budget was also developed, which estimated SWSD's annual base water supply deficit at 165,910 AF. For implementation, SWSD will target an overall reduction of 123,350 AF annually as a benchmark by 2040 (SWSD 2022). Within the SWSD, this represents the potential fallowing of between 32,650 and 44,250 acres of irrigated lands if no additional water supplies can be developed to offset this deficit. SWSD has not yet identified any feasible additional water supplies. The range of potentially fallowed lands is based on a range of per acre consumptive use (measured as crop evapotranspiration of 3.8 to 2.8 AF per acre. The deficit reduction and acreage fallowing began in 2016 and have continued primarily through the implementation of Management Action 1 – Landowner Water Budget. Specifically, SWSD is planning to reduce landowner water use by 60,000 AF total (3,000 AF per year by 2040). The SWSD GSP includes Management Action 1 – Landowner Water Budget as the principal management action to achieve sustainability. Other management actions include implementing tiered pricing for groundwater pumping, a district fallowing program, enhanced groundwater recharge, and others. A letter from SWSD that addresses water scarcity and fallowing lands in the Semitropic Water District is included as Appendix A. Other letters from project parcel landowners are also included in Appendix A.

The reduction in water for agricultural use at the project site would assist SWSD in meeting its planned reduction target and management actions. As such, the relative water resource score is 0, pursuant to Table 5 of the LESA model (as shown below in Table 10).

**Table 10. Water Availability Scoring System**

| Non-Drought Years Restrictions | | | Drought Years Restrictions | | | Water Resource Score |
|---|---|---|---|---|---|---|
| Irrigated Production Feasible? | Physical Restrictions? | Economic Restrictions? | Irrigated Production Feasible? | Physical Restrictions? | Economic Restrictions? | |
| Yes | No | No | Yes | No | No | 100 |
| Yes | No | No | Yes | No | Yes | 95 |
| Yes | No | Yes | Yes | No | Yes | 90 |
| Yes | No | No | Yes | Yes | No | 85 |
| Yes | No | No | Yes | Yes | Yes | 80 |
| Yes | Yes | No | Yes | Yes | No | 75 |
| Yes | Yes | Yes | Yes | Yes | Yes | 65 |
| Yes | No | No | No | N/A | N/A | 50 |
| Yes | No | Yes | No | N/A | N/A | 45 |
| Yes | Yes | No | No | N/A | N/A | 35 |
| Yes | Yes | Yes | No | N/A | N/A | 30 |
| Irrigated production not feasible, but rainfall adequate for dryland production in both drought and non-drought years | | | | | | 25 |
| Irrigated production not feasible, but rainfall adequate for dryland production in non-drought years (but not in drought years) | | | | | | 20 |
| Neither irrigated nor dryland production feasible | | | | | | 0 |

**Note:**
N/A = not applicable.

### 4.2.2.3 Zone of Influence: Surrounding Land and Protected Land

The two remaining Site Assessment scores are related to the site's ZOI, which provides information on the site's relationship to other existing land uses that are deemed compatible with on-site agriculture. The ZOI is mapped by drawing the smallest rectangle that completely contains all the project parcels, creating a second rectangle extending 0.25 miles out from that rectangle, and then mapping all parcels that intersect the outer rectangle. The ZOI parcels are shown in Figures 3 and 4. The total ZOI acreage for the project site is approximately 50,759 acres.

Once a ZOI has been identified, the LESA model requires identification of parcels currently used for crop production and those that are "protected resource" lands, meaning they "possess long-term restrictions that are compatible with or supportive of agricultural use." Protected resource lands are those lands with long-term use restrictions that are compatible with or supportive of agricultural uses of land. Included among them are the following: (1) Williamson Act contracted lands; (2) publicly owned lands maintained as park, forest, or watershed resources; and 3) lands with agricultural, wildlife habitat, open space, or other natural resource easements that restrict the conversion of such land to urban or industrial uses. Scores are derived from Table 6 and Table 7 of the LESA Model Instruction Manual (shown below in Table 11).

**Table 11. Surrounding Agricultural Lands and Protected Resources Lands Scoring**

| Percent of ZOI in Agriculture | Score |
|---|---|
| 90-100% | 100 |
| 80-89% | 90 |
| 75-79% | 80 |
| 70-74% | 70 |
| 65-69% | 60 |
| 60-64% | 50 |
| 55-59% | 40 |
| 50-54% | 30 |
| 45-50% | 20 |
| 40-44% | 10 |
| < 40% | 0 |

Current agricultural use within the ZOI (39,254 acres) was identified based on review of Kern County data as stated above in Section 3.3 and Table 2. Regarding protected resource lands and as stated above in Section 3.3.3, there are approximately 39,739 acres of Williamson Act and Farm Security Zone lands within the ZOI.

Table 12 shows the total acreages of parcels within agricultural use, and those considered protected resources, with percentage comparisons to the total ZOI acreage. Based on the aforementioned parameters, the surrounding agriculture and protected resource lands rating are each 80.

**Table 12. LESA Model Site Assessment Worksheet – Surrounding Agricultural Lands and Protected Resources Lands**

| Total Zone of Influence (ZOI) (acres) | 50,759 |
|---|---|
| ZOI in agriculture (acres) | 39,254 |
| ZOI % in agriculture | 77.33% |
| ZOI Surrounding Agricultural Score | 80 |
| ZOI protected resource lands (acres) | 39,739 |
| ZOI % protected resource lands | 78.29% |
| ZOI Surrounding Protected Resource Score | 80 |

### 4.2.3 Land Evaluation and Site Assessment Summary

A single LESA score is generated for a given project after a comprehensive review of all parcels within the project site have been scored and weighted. The California Agricultural LESA Model is weighted so that 50% of the total LESA score of a given project is derived from the Land Evaluation factors and 50% is derived from the Site Assessment factors. Individual factor weights are listed below, with the sum of the factor weights required to equal 100%.

Based on the LESA analyses discussed above, the scores are entered into a summary worksheet for final scoring, as provided below in Table 13. Each score category is shown with the weighted factor dictated by the LESA Model Instruction Manual.

### Table 13. Final LESA Scoresheet

| | Factor Score | Factor Weight | Weighted Score |
|---|---|---|---|
| **Land Evaluation Factors** | | | |
| Land Capability Classification | 78.88 | 25% | 19.72 |
| Storie Index | 58.60 | 25% | 14.65 |
| | | *Land Evaluation Subtotal* | *34.37* |
| **Site Assessment Factors** | | | |
| Project Size | 100 | 15% | 15 |
| Water Availability | 0 | 15% | 0 |
| Surrounding Land | 80 | 15% | 12 |
| Protected Land | 80 | 5% | 4 |
| | | *Site Assessment Subtotal* | *31* |
| | | **LESA Total** | **65.37** |

As shown in the table above, the total LESA score for the project site is 65.37 points.

Table 14 articulates the California LESA Model Scoring Thresholds for determining the potential significance of a project's impacts during the Initial Study phase of the CEQA review process.

### Table 14. LESA Model Scoring Thresholds

| Total LESA Score | Scoring Decision |
|---|---|
| 0 to 39 Points | Not Considered Significant |
| 40 to 59 Points | Considered Significant only if LE and SA subscores are each greater than or equal to 20 points |
| 60 to 79 Points | Considered Significant unless either LE or SA subscore is less than 20 points |
| 80 to 100 Points | Considered Significant |

Pursuant to Table 9 of the LESA Model Instruction Manual (and as shown above in Table 14), sites scoring between 60 and 79 points are considered potentially significant unless either the Land Evaluation or Site Assessment sub-score is less than 20 points. Here, the LESA sub-scores are each greater than 20 points. Therefore, the project-related conversion of farmland to nonagricultural uses is considered significant under the LESA Model.

## 4.3 Kern County CEQA Thresholds

As noted above, based on the Kern County CEQA thresholds for impacts, a proposed project may have a significant impact on agricultural resources if the proposed project would:

- Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to nonagricultural use.
- Conflict with existing zoning for agricultural use or a Williamson Act Contract.
- Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to nonagricultural use.
- Result in the cancellation of an open space contract made pursuant to the California Land Conservation Act of 1965 or Farmland Security Zone contract for any parcel of 100 or more acres (Section 15205[b][3] Public Resources Code).

The information below evaluates whether the project would result in a significant impact to agricultural resources per the thresholds presented above.

### 4.3.1 Would the Project Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance?

As explained in more detail below, the project involves the temporary conversion of mapped farmlands to a use that is consistent and compatible with the underlying land use and zoning standards.

Implementation of the project would result in temporary solar use of approximately 5,784 acres of land mapped by the DOC as Prime Farmland, approximately 4,128 acres of land mapped as Farmland of Statewide Importance, and approximately 670 acres of Unique Farmland as part of the FMMP (see Figure 3).

As discussed above, this report uses the LESA model to assess the potential significance of project impacts from farmland conversion. The LESA model was designed for the Initial Study phase of the CEQA process to help agencies identify whether potentially significant impacts should be more fully evaluated in an environmental impact report. Therefore, some projects with a LESA score above a certain threshold may ultimately be found to have a less-than-significant impact following a more in-depth analysis or implementation of avoidance or mitigation measures. When considering the soils on site, project size, water availability, and surrounding agricultural and protected resource lands in conformance with the LESA model, the project received an overall score of 65.37, which is considered significant at the Initial Study phase of the CEQA process. Therefore, the project would result in the temporary conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. However, several important factors should be considered in the context of whether such temporary conversion represents a significant adverse impact on the physical environment for purposes of CEQA.

**The Project Is Consistent with Land Use and Zoning Designations.** The project entails a use that is allowed by the Kern County Zoning Ordinance subject to issuance of a Conditional Use Permit. The proposed project differs from projects that would require a zone change to change agriculturally zoned land to a non-agriculture zone. The project

is considered consistent and compatible with the underlying existing land use, and zoning and meets the County's development standards. This compatibly is further evident by the proposed project's level of disturbance and the ability to revert the land to a different use at the end of the project's useful life. Photovoltaic and energy storage projects entail ground disturbance limited to the construction of the access roads, operations and maintenance building(s), substation(s), water storage tank(s), construction of solar panel piles and energy storage supports, as necessary, and any stormwater protection or storage (detention) facilities. Photovoltaic and energy storage projects do not involve full mass excavation of land. Although the project site would install a permanent structure (operations and maintenance facility) with an impervious surface, most of the project site would remain as pervious surfaces. The project differs from typical construction that involves a higher degree of ground disturbance and additional impervious surface in the form of foundations and permanent structures.

**Any Conversion Would be Temporary.** It is important to note that the project, as a photovoltaic and energy storage facility, is not a permanent conversion of agricultural land and can be viewed as an alternative and temporary land use type that is compatible with long-term agricultural uses. The proposed project is expected to have a lifespan of 30 years, after which the project site may be restored to support agricultural production when the solar generating operations are removed. The project proponent is required to post a security bond and prepare a decommissioning plan for review and approval by the County. The decommissioning plan would factor in the cost to remove the solar panels and support structures and to replace any soil that would be disturbed during removal of the support structures. The development of the site for solar generating operations, with an approved decommissioning plan, does not preclude future agricultural use at the site.

**Temporary Conversion May Improve Long-Term Agricultural Use.** Several studies have been completed that overwhelmingly support the idea that after photovoltaic facility decommissioning, previously agricultural lands can revert back to cultivation and production, often with greater productivity than was realized prior to the temporary conversion to photovoltaic generation. For instance, solar facilities have a positive impact on regions where water is limited. Soil water content measured on these sites is much higher and water evaporation rates much lower than that observed outside these facilities (Liu et al. 2019). This reduction of evapotranspiration and increase in retention rate was mainly driven by the reduction of the climatic demand below the solar panels (Marrou et al. 2013). The installation of solar facilities in areas prone to drought has the strong potential to improve drought resilience in those regions and ultimately enhance groundwater sustainability over the lifetime of the installation (He et al. 2019). Pursuing installation of solar sooner rather than later in the aquifers that agriculture rely on will provide the opportunity for groundwater resources to recover for future generations (Liu et al. 2019).

Solar facilities deployed in degraded lands have also been shown to help restore the soils over time if vegetation growth is integrated into the management plan. Specifically, the soils have a significant increase in stored nitrogen and carbon, stabilized soil pH, and increased soil-available phosphorus (Zhang et al. 2023; Zhang et al. 2024). Additionally, shading provided by solar panels enhanced the complexity of microbial communities by strengthening the associations among soil microbes, which are critical components of soil health and resiliency (Li et al. 2023). These positive impacts on the soil provide for regeneration of soil health that will benefit farmland ecosystems and preserve them for the future.

Solar farms can also interact positively with vegetation and wildlife, establishing diverse plant communities that will encourage biodiversity, including pollinators and predators, which, in turn, will promote more botanical diversity. Solar farms that are planned to include vegetative cover, including native grasses, shrubs, and flowering plants, result in surface coverage, biomass, and species richness significantly higher as compared to areas outside the solar farms when established on disturbed, semi-arid areas. Solar farms also showed accelerated vegetation

recovery progress and quality (Liu et al. 2019). This approach improves biodiversity and soil health through increased soil carbon, water retention and infiltration, and reduced surface runoff and consequent erosion (Bartley et al. 2014; Li et al. 2007). Solar construction supplies clean energy but also brings unintended ecological benefits that continue well into the future (Liu et al 2019).

Generally, management actions that have positive outcomes are those that promote species diversity (e.g., creation of meadows with wildflowers and grasses) and benefit fauna by providing important habitat (Blaydes et al. 2021, 2024; Montag et al. 2016). For example, increases in bumblebee density are expected to occur in solar farms that are managed as meadows, including flowering vegetation and nesting habitat, compared to other cover (Blaydes et al. 2022; Goulson et al. 2015). This has significant positive implications for the surrounding landscape; crop pollination services; species of critical concern, such as Crotch's bumble bee; and species that feed on invertebrates. The beneficial effects of solar installations on pollinator health have already been demonstrated (Graham et al. 2021). On solar farms, floral abundance is increased and bloom timing delayed due to the partial-shade plots of solar arrays. This has significant benefit for late-season foragers in water-limited ecosystems like the Central Valley. Pollinator abundance, diversity, and richness were similar in full sun and partial-shade plots and greater than in full shade. This demonstrates that pollinators will use habitat under solar arrays, despite variations in community structure across shade gradients (Graham et al. 2021).

**Significant Water Shortages Will Result in Losses of Active Farmland Regardless of the Project.** It should also be noted that the project area is experiencing water supply shortages, and SWSD is actively planning for ways to reduce water use, one of which is taking active agricultural lands out of production. The project will decrease water use in the high-priority basin that is currently critically overdrafted and in need of significant reductions in pumping to achieve groundwater sustainability. SWSD identified its water budget in Section 2.4 of their GSP (SWSD 2022), which indicates an annual base water supply deficit of between 221,200 and 25,500 AF, with a median annual deficit of 123,350. For implementation, SWSD will target an overall reduction of 123,350 AFY as a benchmark. Within the SWSD, this represents the potential fallowing of between 32,650 and 44,250 acres of irrigated lands if no additional water supplies can be developed to offset this deficit. The deficit reduction and acreage fallowing began in 2016 and will be continued primarily through the implementation of Management Action 1 – Landowner Water Budget. Specifically, SWSD is planning to reduce landowner water use by 60,000 AF by 2040. Thus, the project would assist the SWSD in meeting its planned reduction target and Management Action 3 – District Fallowing Program. A letter from SWSD that addresses water scarcity and fallowing lands in the Semitropic Water District is included as Appendix A. Other letters from project parcel landowners are also included in Appendix A.

Given SWSD's position regarding their inability to provide long-term agricultural water at the current demand, the project site remaining active agricultural land will eventually become infeasible. Without the availability of water, it is unlikely the project site would continue to be considered Prime Farmland or Farmland of Statewide Importance. The DOC maps Prime Farmland and Farmland of Statewide Importance and defines these farmland categories "as lands that must have been used for irrigated agricultural production at some time during the four years prior to the mapping date" (DOC 2023). Without irrigated production of agriculture for a period of 4 years, the project site would not meet the definition of Prime Farmland and Farmland of Statewide Importance. As it relates to the LESA model, the reduction in irrigated lands on the project site would entail use of the LCC non-irrigated ratings as opposed to the irrigated ratings used in the current version of the LESA model contained herein. Considering the LCC non-irrigated ratings pursuant to the LESA model would result in a much lower Site Assessment score of 17.15, which would contribute to a farmland conversion impact of "not significant" pursuant to the LESA model.

### 4.3.2 Would the Project Conflict with Existing Zoning for Agricultural Use or a Williamson Act Contract?

**Existing Zoning.** The Kern County Zoning Ordinance designates the project site as Exclusive Agriculture. According to the Zoning Ordinance, the Exclusive Agriculture designation is applied to areas that are suitable for agricultural uses to prevent the encroachment of incompatible uses onto agricultural lands and premature conversion of such lands to nonagricultural uses.

Solar energy electrical generators are considered a compatible use within Exclusive Agriculture zoning with the issuance of a Conditional Use Permit, pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance and the Kern County Agricultural Preserve Standard Uniform Rules.

Therefore, upon approval of Conditional Use Permits, the project would be consistent with and would not conflict with existing zoning for agriculture use.

**Williamson Act Contract.** The project site contains approximately 11,983 acres to be developed as a solar photovoltaic and energy storage facility. A total of approximately 10,689 acres are subject to active Williamson Act contracts.

As discussed in more detail under Section 2.2.2, the principal purpose of the Williamson Act is to preserve agricultural lands from conversion to nonagricultural or incompatible uses. A commercial solar facility is not listed as a compatible use in the Williamson Act Standard Uniform Rules, as adopted by the Kern County Board of Supervisors; therefore, the project would not be consistent with the existing contract. However, the project proponent has petitioned for cancellation of the Williamson Act Contract, pursuant to California Government Code Section 51282(a)(2), which pertains to cancellation of a Williamson Act in the public interest. Cancellation of a Williamson Act Contract is an option under the limited circumstances and conditions as set forth in Government Code Section 51280 et seq. In such cases, landowners may petition the Kern County Board of Supervisors for cancellation of a Williamson Act Contract. The Kern County Board of Supervisors may grant a tentative cancellation only if it makes one of two required statutory findings (Government Code Section 51282[a]).

Government Code Sections 51280 through 51283 sets forth procedures for cancelling a Williamson Act contract. The property owner must pay a cancellation fee and the lead agency must make findings justifying the cancellation. Table 15 provides the Williamson Act contract cancellation findings and concludes that the project would meet the required findings for cancellation under Section 51282(a)(2).

**Table 15. Williamson Act Contract Cancellation Findings**

| Required Finding | Determination |
|---|---|
| **Cancellation is in the public interest based on the following findings (GC §51282(a)(2)):** | |
| Other public concerns substantially outweigh the objectives of this chapter. | **Consistent:** Property under a Williamson Act Contract must be used for qualifying agricultural uses. These properties originally filed for use as crop or orchard land which requires appropriate soils and irrigation. There is no dry farming in Kern County. The contract terms can no longer be satisfied due to water limitations in the Valley due to the mandatory restrictions of the Groundwater Sustainability Plans submitted to the Department of Water Resources by the valley Groundwater Authorities. The cancellation of the |

## Table 15. Williamson Act Contract Cancellation Findings

| Required Finding | Determination |
|---|---|
| | submitted Williamson Act Contracts are therefore in the public interest of Kern County for integrity of the contract system. The alternative use of the property for the proposed solar energy facility is in the public interest for the State of California to achieve climate change goals and for Kern County as a productive use of the land. Water use on the property would be reduced to support sustainable groundwater management of the basin. More specifically, cancellation of the Williamson Act contract for the purposes of constructing a solar farm is in the public interest for the following reasons:<br><br>**Rebalances Land Use for water availability.** Large scale solar projects are dependent on access to transmission and ability to consolidate parcels for appropriate size while avoiding or minimizing impacts to mineral resources, biological and cultural resources. The project area, including these parcels, is experiencing water supply shortages, and SWSD is actively planning for ways to reduce water use, one of which is taking active agricultural lands out of production. The project will decrease water use in the high-priority basin that is currently critically overdrafted and in need of significant reductions in pumping to achieve groundwater sustainability. SWSD supports removing these parcels from irrigation, as SWSD likely cannot provide long-term agricultural water at the current demand. The removal of the contract will provide for better groundwater management in the basin and ensure water supplies are more appropriately used elsewhere in the County.<br><br>**Creates new source of renewable energy that reduces dependency on foreign energy sources.** The project's primary objective is to support the generation of renewable energy in the County and State of California per the recent objectives outlined in Senate Bill 100. This legislation increased California's Renewable Portfolio Standard and established the State's intention to have zero-carbon and eligible renewable energy resources supply 100% of the of the State's retail electricity sales by the year 2045. This Project will supply solar photovoltaic energy that will help the State meet those ambitious goals. Increasing renewable energy sources in the County, such as the solar resources available increases the state and nation's sources of renewable energy and assists in meeting new environmental targets to reduce greenhouse gas emissions, including California's important Renewable Portfolio Standards of energy utilities.<br><br>**Promotes economic diversification and creates economic stimulus.** The County is dedicated to diversifying its economic base and has chosen the development of its natural renewable energy resources as one strategy to diversify while maintaining its rural character with reduced impacts to existing agricultural resources. Projects such as this one assist the County in its economic diversification strategy through the creation of new jobs—both direct and indirect—and opportunities for additional jobs, economic growth, and wealth creation. The solar project proposed on this land would create a large number of new construction jobs. Long-term permanent jobs associated with the project's operation are expected to exceed the employment level associated with current operations on the project site. Employees anticipated for this project include a plant manager, maintenance technicians, equipment operators, and security personnel. |

## Table 15. Williamson Act Contract Cancellation Findings

| Required Finding | Determination |
|---|---|
| | These jobs would include benefits and would be year-round, higher paying jobs (typically $15 to $35 per hour) than the seasonal farm labor displaced.<br><br>Projects such as this one also can provide economic opportunity for farmers who would otherwise have to leave their lands fallow due to water restrictions. As discussed above, SWSD is actively planning for ways to reduce water use, one of which is taking active agricultural lands out of production. The project would assist SWSD in meeting its planned reduction target and Management Action 3 – District Fallowing Program, while also providing economic benefits to the underlying landowners. |
| That there is no proximate non-contracted land which is both available and suitable for the use to which it is proposed the contracted land be put, or that development of the contracted land would provide more contiguous patterns of urban development than development of proximate non-contracted land. | **Consistent:** There are no proximate noncontracted lands available and suitable for siting the solar power facility. The unique siting requirements for a solar plant limit the number of parcels available and suitable for such use. The siting of solar facilities is largely determined by the needs to locate (1) at or very near existing substation/electrical transmission lines; (2) available transmission capacity in the substation/lines to carry the additional electricity produced, which is a function not only of line capacity but also the arrangement of the electrical grid balanced loads.<br><br>The Project will interconnect to the grid at the existing Midway Substation, which has available transmission capacity to support the Project. In searching for suitable parcels upon which to site this project, extensive research and outreach was conducted within the vicinity of the Midway Substation. This initial search strongly prioritized finding land that was not under Williamson Act contract, due to both the stated purpose of the program and the significant financial penalties associated with cancelling existing contracts. However, the overwhelming majority of the land in this area is under Williamson Act contract. Limiting the project to sites not subject to a Williamson Act contract would have resulted in a more disconnected and inefficient project site that would require additional transmission infrastructure to electrically connect the project, as well as result in additional environmental impacts. Thus, development on the contracted lands results in a more contiguous pattern of development. As an additional constraint, many of the landowners in this area have made major long-term investments in permanent crops (such as almond and pistachio trees) that make their properties unsuitable for solar. Finally, given the financial returns historically generated by permanent crops, even many landowners that have not yet planted permanent crops would have required land payments incompatible with a competitive solar project to compensate for foregoing the future opportunity to plant permanent crops. |

As shown in Table 15, the proposed Williamson Act contract cancellations would be consistent with all required findings for cancellation in a public interest (please note that the County decision makers have the ability to propose alternate findings or modify the findings as they see fit). Therefore, once all the findings have been satisfied, Kern County has the ability to approve the Petition for Cancellation of Contract. At Kern County's request, the project proponent also will file notices of non-renewal prior to circulation of the Draft Environmental Impact Report for all parcels for which cancellation is requested.

If tentative cancellation is approved by the Board of Supervisors, the project proponent would be obligated to pay the Williamson Act contract cancellation fee as determined by the Kern County Assessor's Office, which would be required as a Condition of Approval of the proposed Conditional Use Permits by the lead agency. With the payment of the cancellation fee, the contract cancellation process would be completed. With cancellation of the contracts, there would not be any remaining conflicts.

### 4.3.3 Would the Project Involve Other Changes in the Existing Environment Which, Due to their Location or Nature, Could Result in Conversion of Farmland to Non-Agricultural Use?

Although the project may cause changes in the existing environment, it is not anticipated that the project could affect adjacent Farmland or even other agricultural land by limiting the agricultural feasibility of the land. With implementation of a pest and weed management plan, the project would be compatible with nearby agricultural operations and would have no impacts on adjacent properties. With an approved Conditional Use Permit(s), the operation of solar is a compatible use on agriculturally zoned property. In addition, the project would not place additional restrictions on noise, burning, and dust because the project would not introduce sensitive receptors. The proposed use as a solar facility is not a high-intensity use that is not expected to create adverse impacts to adjacent lands through its ongoing operation, and any construction impacts would be temporary and primarily contained on the project site.

In summary, the project would not include activities that would restrict or impair agricultural production on adjacent land.

### 4.3.4 Would the Project Result in the Cancellation of an Open Space Contract Made Pursuant to the California Land Conservation Act of 1965 or Farmland Security Zone Contract for Any Parcel of 100 or More Acres?

Approximately 235 acres of the total project site is subject to a Farmland Security Zone contract pursuant to Public Resources Code Section 15206(b)(3). The 235 acres subject to a Farmland Security Zone contract comprises three separate parcels, one of which is located on a parcel of 100 or more acres (Assessor's Parcel Number 100-100-03 [approximately 159 acres]). Cancellation of the Farmland Security Zone contracts (including the contract on Assessor's Parcel Number 100-100-03) would be required. Like Williamson Act contracts, Farmland Security Zone contracts may also be cancelled, upon making various required findings pursuant to Government Code section 51297.

As discussed above, a Williamson Act contract cancellation is an option under limited circumstances and conditions set forth in Government Code Section 51280 et seq. In such cases, landowners may petition a board/council for Williamson Act contract cancellation. Kern County may grant tentative cancellation only if it makes required statutory findings in Government Code Section 51282(a). Cancellation of a Farmland Security Zone contract is subject to Government Code Section 51297, and requires additional findings compared with a standard Williamson Act contract. Table 16 below contains a consistency determination of the project with the additional findings required for Farmland Security Zone cancellation.

## Table 16. Farmland Security Zone Contract Cancellation Findings

| Required Finding | Determination |
|---|---|
| **The County may grant a petition only if all the following requirements are met (GC §51297):** | |
| **That the cancellation is consistent with the purposes of this chapter (GC §51282(a)(1)):** | |
| That the cancellation is for land on which a notice of nonrenewal has been served pursuant to Section 51245. | **Consistent:** The project proponent will file notices of non-renewal prior to circulation of the Draft Environmental Impact Report for all parcels for which cancellation is requested. |
| That cancellation is not likely to result in the removal of adjacent lands from agricultural use. | **Consistent:** The project would not affect adjacent farmland or other agricultural land by limiting the agricultural feasibility of the land. With implementation of a pest and weed management plan, the project would be compatible with nearby agricultural operations and would have no impacts on adjacent properties. With an approved Conditional Use Permit(s), the operation of solar is a compatible use on agriculturally zoned property. In addition, the project would not place additional restrictions on noise, burning, and dust because the project would not introduce sensitive receptors. The proposed use as a solar facility is not a high-intensity use that would create significant impacts to adjacent lands through its ongoing operation, and any construction impacts would be temporary and primarily contained on the project site. |
| That cancellation is for an alternative use which is consistent with the applicable provisions of the city or county general plan. | **Consistent:** The Project site is designated 4.1 (Accepted County Plan Areas); 8.1 (Intensive Agriculture, Min. 20-Acre Parcel Size); 8.1/2.3; 8.1 (Intensive Agriculture, Min. 20-Acre Parcel Size/Shallow Groundwater); 8.3 (Extensive Agriculture, Min. 20-Acre Parcel Size); 8.4 (Mineral and Petroleum, Min. 5-Acre Parcel Size); and 8.5 (Resource Management, Min. 20- or 80-Acre Parcel Size) under the County's General Plan and is zoned Exclusive Agriculture, consistent with the General Plan designation. Solar energy electrical generators are considered a compatible use within Exclusive Agriculture zoning with the issuance of a Conditional Use Permit, pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance. |
| That cancellation will not result in discontiguous patterns of urban development. | **Consistent:** The Project site is located in a rural area and not in an urban area. The Project will not increase the long-term population of the area or induce new population growth which could result in increased urban development in the area. The project would supply energy to accommodate and support existing demand and projected growth, but it would not foster any new growth. Additionally, the low profile of the structures is compatible with the rural and open space nature of the surrounding area. The project would be compatible with existing agricultural uses and other existing development in the surrounding area, including other solar projects and utility infrastructure. |
| That there is no proximate noncontracted land which is both available and suitable for the use to which it is proposed the contracted land be put, or, that development of the contracted land would provide more contiguous patterns of | **Consistent:** The same findings in Table 15 apply here. There are no proximate noncontracted lands available and suitable for siting the solar power facility. The Project will interconnect to the grid at the existing Midway Substation, which has available transmission capacity to support the Project. In searching for suitable parcels upon which to site this project, extensive research and outreach was conducted within the vicinity of the Midway Substation. However, the overwhelming majority of the land in this area is under Williamson Act contract. Avoiding sites subject to Williamson Act or |

## Table 16. Farmland Security Zone Contract Cancellation Findings

| Required Finding | Determination |
|---|---|
| urban development than development of proximate noncontracted land. | Farmland Security Zone contracts would have resulted in a more disconnected and inefficient project site that would require additional transmission infrastructure to electrically connect the project, as well as result in additional environmental impacts. Avoiding the Farmland Security Zone contracted land also would have resulted in parcels left surrounded on all sides by solar development following project construction. Thus, development on the contracted lands results in a more contiguous pattern of development. |
| **That cancellation is in the public interest (GC §51282(a)(2)):** | |
| That other public concerns substantially outweigh the objectives of this chapter | **Consistent:** The same findings in Table 15 apply here. Cancellation of the Farmland Security Act Zone contracts for the purposes of constructing a solar farm is in the public interest for several reasons, including better groundwater management in the relevant basin, creating a new source of renewable energy that reduces dependency on foreign energy sources and is consistent with the County's and State's goals for renewable energy, promoting economic diversification and economic stimulus in the County. |
| That there is no proximate noncontracted land which is both available and suitable for the use to which it is proposed the contracted land be put, or that development of the contracted land would provide more contiguous patterns of urban development than development of proximate noncontracted land | **Consistent:** See above findings. |
| **In its resolution tentatively approving cancellation of the contract, the city or county shall find all of the following (GC §51297):** | |
| That no beneficial public purpose would be served by the continuation of the contract. | **Consistent:** Property under a Farmland Security Zone contract must be used for qualifying agricultural uses. These properties originally filed for use as crop or orchard land which requires appropriate soils and irrigation. There is no dry farming in Kern County. The contract terms can no longer be satisfied due to water limitations in the Valley due to the mandatory restrictions of the Groundwater Sustainability Plans submitted to the Department of Water Resources by the valley Groundwater Authorities. The cancellation of the submitted Farmland Security Zone contracts are therefore in the public interest of Kern County for integrity of the contract system. Absent development of the Project, these parcels are expected to be left fallow due to water restrictions and would not serve a beneficial public purpose. Cancellation of the contract would allow existing water use on the property to be reduced to support sustainable groundwater management of the basin, and Project development would continue to provide economic support to the farmers who would otherwise have to leave the lands fallow due to water restrictions. Continuing the contract and having to leave lands fallow serves no beneficial public purpose. |

## Table 16. Farmland Security Zone Contract Cancellation Findings

| Required Finding | Determination |
|---|---|
| | The alternative use of the property for the proposed solar energy facility is in the public interest for the State of California to achieve climate change goals and for Kern County as a productive use of the land. As described above and in Table 15, cancellation of the contract for the purposes of constructing a solar farm is in the public interest for the following reasons:<br><br>**Rebalances Land Use for water availability.** The project area, including these parcels, is experiencing water supply shortages, and SWSD is actively planning for ways to reduce water use, one of which is taking active agricultural lands out of production. The project will decrease water use in the high-priority basin that is currently critically overdrafted and in need of significant reductions in pumping to achieve groundwater sustainability. SWSD supports removing these parcels from irrigation, as SWSD likely cannot provide long-term agricultural water at the current demand. The removal of the contract will provide for better groundwater management in the basin and ensure water supplies are more appropriately used elsewhere in the County.<br><br>**Creates new source of renewable energy that reduces dependency on foreign energy sources.** The project's primary objective is to support the generation of renewable energy in the State of California per the recent objectives outlined in Senate Bill 100. This legislation increased California's Renewable Portfolio Standard and established the State's intention to have zero-carbon and eligible renewable energy resources supply 100% of the of the State's retail electricity sales by the year 2045. This Project will supply solar photovoltaic energy that will help the State meet those ambitious goals. Increasing renewable energy sources in the County, such as the solar resources available increases the state and nation's sources of renewable energy and assists in meeting new environmental targets to reduce greenhouse gas emissions, including California's important Renewable Portfolio Standards of energy utilities.<br><br>**Promotes economic diversification and creates economic stimulus.** The County is dedicated to diversifying its economic base and has chosen the development of its natural renewable energy resources as one strategy to diversify while maintaining its rural character with reduced impacts to existing agricultural resources. Projects such as this one assist the County in its economic diversification strategy through the creation of new jobs—both direct and indirect—and opportunities for additional jobs, economic growth, and wealth creation. The solar project proposed on this land would create a large number of new construction jobs. Long-term permanent jobs associated with the project's operation are expected to exceed the employment level associated with current operations on the project site. Employees anticipated for this project include a plant manager, maintenance technicians, equipment operators, and security personnel. These jobs would include benefits and would be year-round, higher paying jobs (typically $15 to $35 per hour) than the seasonal farm labor displaced.<br><br>Projects such as this one also can provide economic opportunity for farmers who would otherwise have to leave their lands fallow due to water restrictions. As discussed above, SWSD is actively planning for ways to reduce water use, one of which is taking active agricultural lands out of |

## Table 16. Farmland Security Zone Contract Cancellation Findings

| Required Finding | Determination |
|---|---|
| | production. The project would assist SWSD in meeting its planned reduction target and Management Action 3 – District Fallowing Program. |
| That the uneconomic nature of the agricultural use is primarily attributable to circumstances beyond the control of the landowner and the local government. | **Consistent.** The uneconomic nature of the agricultural use is primarily attributable to circumstances beyond the control of the landowner and the local government, namely limited ongoing water availability to support agricultural operations. As discussed above, SWSD is actively planning for ways to reduce water use in this area, which overlies a high-priority, critically overdraft groundwater basin. One important mechanism for addressing overdraft and working towards sustainable groundwater management is taking active agricultural lands out of production. The contracted lands are expected to be subject to water restrictions and, accordingly, expected to be left fallow to support SWSD's planned reduction target and Management Action 3 – District Fallowing Program under its Groundwater Sustainability Plan.<br><br>Please also refer to the letter from SWSD that addresses water scarcity and fallowing lands in the Semitropic Water District included as Appendix A. Other letters from project parcel landowners are also included in Appendix A. Landowner letters state that due to prolonged and severe drought conditions in the area, the land is no longer viable for agricultural use. Their farms rely entirely on well water sourced from an underground aquifer, and with the implementation of recent water restrictions, it has become impossible to sustain agricultural production across the entire parcel. |
| That the landowner has paid a cancellation fee equal to 25 percent of the cancellation valuation calculated in accordance with subdivision (b). | **Consistent.** The project proponent will pay the Farmland Security Act cancellation fee in accordance with the Williamson Act, prior to the project Board of Supervisors Hearing. |

As shown in Table 16, the proposed Farmland Security Zone contract cancellations would be consistent with all required findings for cancellation (please note that the County decision makers have the ability to propose alternate findings or modify the findings as they see fit). Therefore, once all the findings have been satisfied, Kern County has the ability to approve the Petition for Cancellation of Contract. At Kern County's request, the project proponent will file notices of non-renewal prior to circulation of the Draft Environmental Impact Report for all parcels for which cancellation is requested. The project proponent also will pay the Farmland Security Act cancellation fee in accordance with the Williamson Act. With cancellation of the contracts, there would not be any remaining conflicts.

INTENTIONALLY LEFT BLANK

# 5 Cumulative Impacts

Consistent with recent Kern County environmental impact reports, the geographic scope for cumulative agricultural impacts is Kern County as a whole. As discussed previously, Kern County ranks high on the list of California counties with respect to loss of farmland. Although growth in population is likely to decrease the amount of agricultural land in Kern County in the future, other important factors, including availability of water, will also contribute to future decreases in farmland.

The proposed project is a compatible, low intensity use that does not limit agricultural activities such as pesticide spraying and crop dusting or create impacts such as dust or debris that would otherwise force agricultural activities in the area. Besides the beneficial aspects of the project relative to renewable resource based energy production, job creation and increased sale and property taxes, implementation of the project would have favorable impacts on regional agriculture by reducing on-site water consumption thereby making more water available for other farms.

While implementation of the project would result in temporary conversion to solar use of approximately 5,784 acres of land mapped by the DOC as Prime Farmland, approximately 4,128 acres of land mapped as Farmland of Statewide Importance, and approximately 670 acres of Unique Farmland, due to SWSD's position regarding their inability to provide long-term agricultural water at the current demand, it is unlikely the project site would continue to be considered Prime Farmland, Farmland of Statewide Importance, or Unique Farmland. Further, the project itself would occupy a relatively minor portion (less than 2%) of the total 847,383 acres of harvested agricultural land in Kern County. Accordingly, as implementation of the proposed project only would result in the temporary loss of agricultural land, and would provide significant other public benefits, including those related to sustainable groundwater management and balancing water use elsewhere in the County, adverse cumulative impacts are not anticipated.

INTENTIONALLY LEFT BLANK

# 6 Conclusion

The project will result in the temporary conversion of Prime Farmland, Farmland of Statewide Importance, and Unique Farmland.

Implementation of the project would result in a cancellation of Williamson Act contracts.

The project would not involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to nonagricultural use.

Implementation of the project would result in a cancellation of a Farmland Security Zone contract on a parcel of 100 acres or more.

INTENTIONALLY LEFT BLANK

# 7 References


Bartley, R., Corfield, J. P., Hawdon, A. A., Kinsey-Henderson, A. E., Abbott, B. N., Wilkinson, S. N., & Keen, R. J. (2014). Can changes to pasture management reduce runoff and sediment loss to the Great Barrier Reef? The results of a 10-year study in the Burdekin catchment, Australia. The Rangeland Journal, 36(1), 67-84.

Blaydes, H., Potts, S. G., Whyatt, J. D., & Armstrong, A. (2021). Opportunities to enhance pollinator biodiversity in solar parks. Renewable and Sustainable Energy Reviews, 145, 111065.

Blaydes, H., Gardner, E., Whyatt, J. D., Potts, S. G., & Armstrong, A. (2022). Solar park management and design to boost bumble bee populations. Environmental Research Letters, 17, 044002.

Blaydes, H., Potts, S. G., Whyatt, J. D., & Armstrong, A. (2024). On-site floral resources and surrounding landscape characteristics impact pollinator biodiversity at solar parks. Ecological Solutions and Evidence, 5, e12307.

BVWSD (Buena Vista Water Storage District). 2020. Buena Vista Water Storage District GSA Final Groundwater Sustainability Plan, Kern County Groundwater Subbasin. January 2020.

California Department of Food and Agriculture. 2021. California Agricultural Statistics Review 2020–2021. Accessed January 16, 2023. https://www.cdfa.ca.gov/Statistics/PDFs/2021_Ag_Stats_Review.pdf.

California Public Resources Code, Section 21000–21177. California Environmental Quality Act, as amended.

DOC (California Department of Conservation). 1997. California Agricultural Land Evaluation and Site Assessment Model Instruction Manual. Accessed January 16, 2023. https://www.conservation.ca.gov/dlrp/Pages/qh_lesa.aspx.

DOC. 2023. Farmland Mapping and Monitoring Program (FMMP) Protocol for Removing Agricultural Land on Important Farmland Maps. Accessed October 3, 2024. https://www.conservation.ca.gov/dlrp/fmmp/Documents/Farmland%20Mapping%20and%20Monitoring%20Program%20Ag%20Removal%20protocol.pdf

DOC. 2024a. 2016-2018 Farmland Conversion Report. Accessed June 28, 2024. https://www.conservation.ca.gov/dlrp/fmmp/Pages/2016-2018_Farmland_Conversion_Report.aspx.

DOC. 2024b. Kern County, Important Farmland Data Availability. Accessed June 28, 2024. https://www.conservation.ca.gov/dlrp/fmmp/Pages/Kern.aspx

Dudek. 2024. Water Supply Assessment Buttonbush Solar and Storage Project. August.

DWR (California Department of Water Resources). 2006. “Tulare Lake Hydrologic Region San Joaquin Valley Groundwater Basin Kern County Subbasin.” *California’s Groundwater Bulletin* 118. Updated January 20, 2006. https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Bulletin-118/Files/2003-Basin-Descriptions/5_022_14_KernCountySubbasin.pdf.

DWR. 2020. The Final State Water Project Delivery Capability Report 2019. August 26, 2020. https://www.ccwa.com/files/49ebfee1b/final_dcr_2019_wiletters+%281%29.pdf

DWR. 2019. Sustainable Groundwater Management Act Basin Prioritization Dashboard. Accessed February 2023. https://gis.water.ca.gov/app/bp-dashboard/final/.

DWR. 2023. California's Groundwater Live. Accessed February 2023. https://sgma.water.ca.gov/CalGWLive/#stats.

Goulson, D., Nicholls, E., Botías, C., & Rotheray, E. L. (2015). Bee declines driven by combined stress from parasites, pesticides, and lack of flowers. Science, 347(6229), 1255957.

Graham, M., Ates, S., Melathopoulos, A. P., Moldenke, A. R., DeBano, S. J., Best, L. R., & Higgins, C. W. (2021). Partial shading by solar panels delays bloom, increases floral abundance during the late-season for pollinators in a dryland, agrivoltaic ecosystem. Scientific Reports, 11(1), 1-13.

He, X., Feng, K., Li, X., Craft, A. B., Wada, Y., Burek, P., ... & Sheffield, J. (2019). Solar and wind energy enhances drought resilience and groundwater sustainability. Nature communications, 10(1), 4893.

Kern County. 2009. *Kern County General Plan*. September 22, 2009, as amended. Accessed January 16, 2023. https://kernplanning.com/planning/planning-documents/general-plans-elements/.

Kern County. 2021. *Department of Agriculture and Measurement Standards, Annual Crop and Livestock Report*. Accessed January 16, 2023. http://www.kernag.com/caap/crop-reports/crop20_29/crop2021.pdf.

Kern County. 2022. Kern County Zoning Ordinance. November 2022 Revision. Accessed May 25, 2025. https://kernplanning.com/planning/planning-documents/zoning-ordinance/.

Kern County. 2023. Interactive County Map (GIS Tool). Accessed January 16, 2023. https://www.kerncounty.com/government/gis-menu/interactive-county-map-gis-tool.

Kern County. 2024. Department of Agriculture and Measurement Standards, Kern Crop Map. Accessed January 16, 2023. https://maps.kerncounty.com/H5/Index.html?Viewer=Agriculture.

KGA (Kern Groundwater Authority). 2022. *Kern Groundwater Authority Groundwater Sustainability Plan.* July 2022. https://sgma.water.ca.gov/portal/gsp/preview/36.

Li, J., Okin, G. S., Alvarez, L., & Epstein, H. (2007). Quantitative effects of vegetation cover on wind erosion and soil nutrient loss in a desert grassland of southern New Mexico, USA. Biogeochemistry, 85, 317-332.

Li, C., Liu, J., Bao, J., Wu, T., & Chai, B. (2023). Effect of light heterogeneity caused by photovoltaic panels on the plant–soil–microbial system in solar park. Land, 12(2), 367.

Liu, Y., Zhang, R. Q., Huang, Z., Cheng, Z., López‐Vicente, M., Ma, X. R., & Wu, G. L. (2019). Solar photovoltaic panels significantly promote vegetation recovery by modifying the soil surface microhabitats in an arid sandy ecosystem. Land Degradation & Development, 30(18), 2177-2186.

Marrou, H., Dufour, L., & Wery, J. (2013). How does a shelter of solar panels influence water flows in a soil–crop system?. European Journal of Agronomy, 50, 38-51.

Montag, H., Parker, G., & Clarkson, T. (2016). The effects of solar farms on local biodiversity: a comparative study. Clarkson and Woods and Wychwood Biodiversity.

NOAA (National Oceanic and Atmospheric Administration). 2022. "Drought Conditions for Kern County." Drought.gov: National Integrated Drought Information System. Accessed January 16, 2023. https://www.drought.gov/states/california/county/kern.

Poso Creek RWMG (Poso Creek Regional Water Management Group). 2019. Poso Creek Integrated Regional Water Management Plan 2019 Update. August 2019. http://www.semitropic.com/pdfs/Poso%20Creek%20IRWM/2019%20Poso%20Creek%20IRWM%20Plan %20Update_Final_wFigures.pdf

RCRC (Rural County Representatives of California). 2020. Williamson Act webpage. Accessed September 26, 2024. https://www.rcrcnet.org/williamson-act#:~:text=The%20Open%20Space%20Subvention%20Act,year%20between%201972%20and%202008.

SWSD (Semitropic Water Storage District). 2019. Semitropic Water Storage District Groundwater Sustainability Agency 2020 Groundwater Sustainability Plan, Kern County, California. Prepared by: GEI Consultants, INC. Bakersfield California: GEI Consultants Inc. December 2019.

SWSD. 2021. *Semitropic Water Storage District 2020 Agricultural Water Management Plan*. April 2021. http://www.semitropic.com/pdfs/SWSD%202020%20AWMP_Final%20(Appendices_GSP%20link).pdf

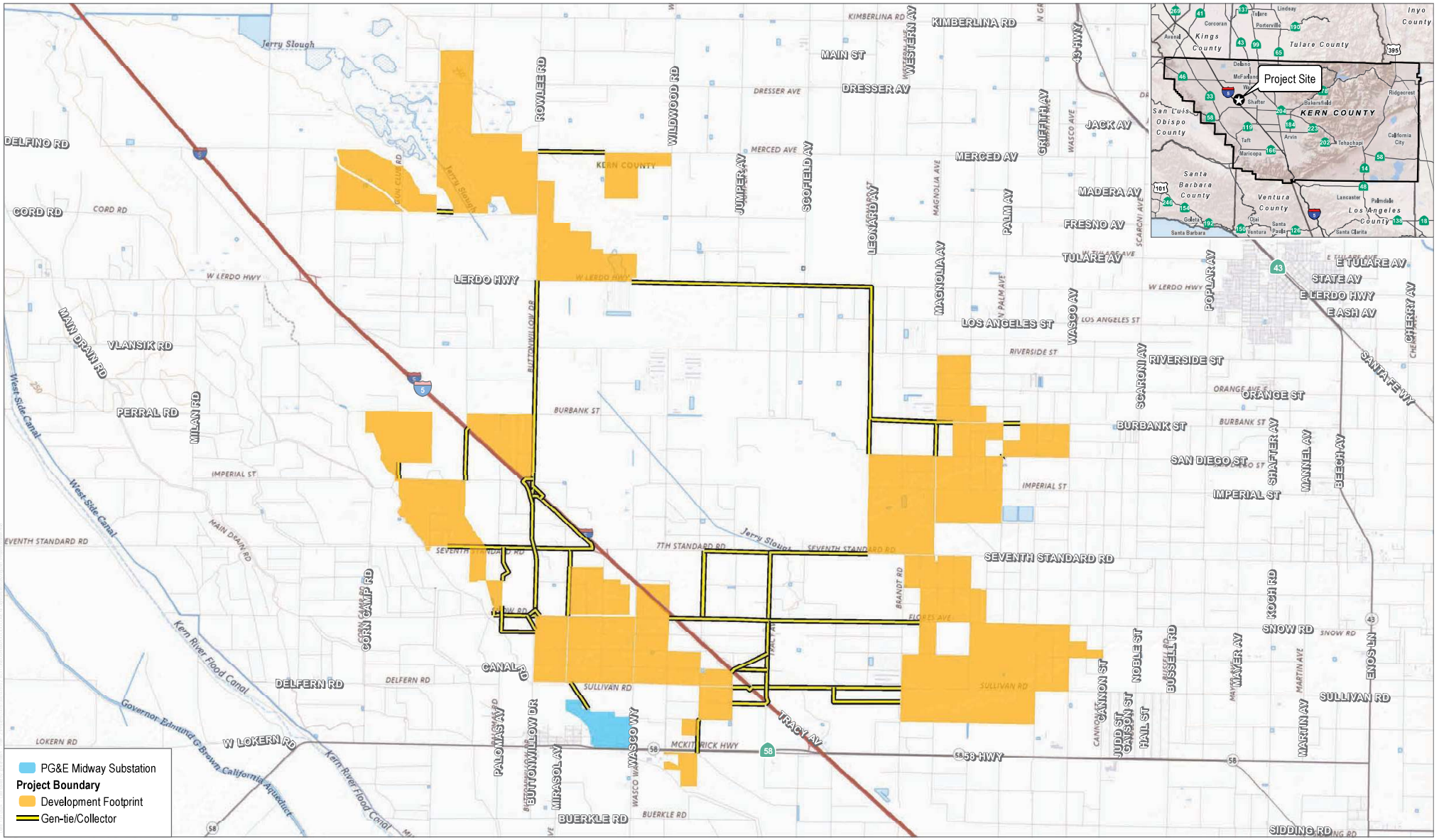
SWSD. 2022. Semitropic Water Storage District Groundwater Sustainability Agency, 2022 Amended Groundwater Sustainability Plan. Kern County, CA. August. Accessed October 1, 2024. https://kerngwa.com/wp-content/uploads/2022/07/swsd-gsa-2022-amended-gsp-clean-version.pdfUSDA (U.S. Department of Agriculture). 2023a. Natural Resources Conservation Service. Farmland Protection Policy Act webpage. Accessed March 3, 2023. https://www.nrcs.usda.gov/conservation-basics/natural-resource-concerns/land/cropland/farmland-protection-policy-act.

USDA. 2023b. Natural Resources Conservation Service, Web Soil Survey. Accessed January 16, 2023. http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx.

Zhang, Y., Tian, Z., Liu, B., Chen, S., & Wu, J. (2023). Effects of photovoltaic power station construction on terrestrial ecosystems: A meta-analysis. Frontiers in Ecology and Evolution, 11, 1151182.

Zhang, B., Zhang, R., Li, Y., Wang, S., Zhang, M., & Xing, F. (2024). Deploying photovoltaic arrays in degraded grasslands is a promising win-win strategy for promoting grassland restoration and resolving land use conflicts. Journal of Environmental Management, 349, 119495.

INTENTIONALLY LEFT BLANK




SOURCE: USGS National Map 2022; Kern County 2022

DUDEK

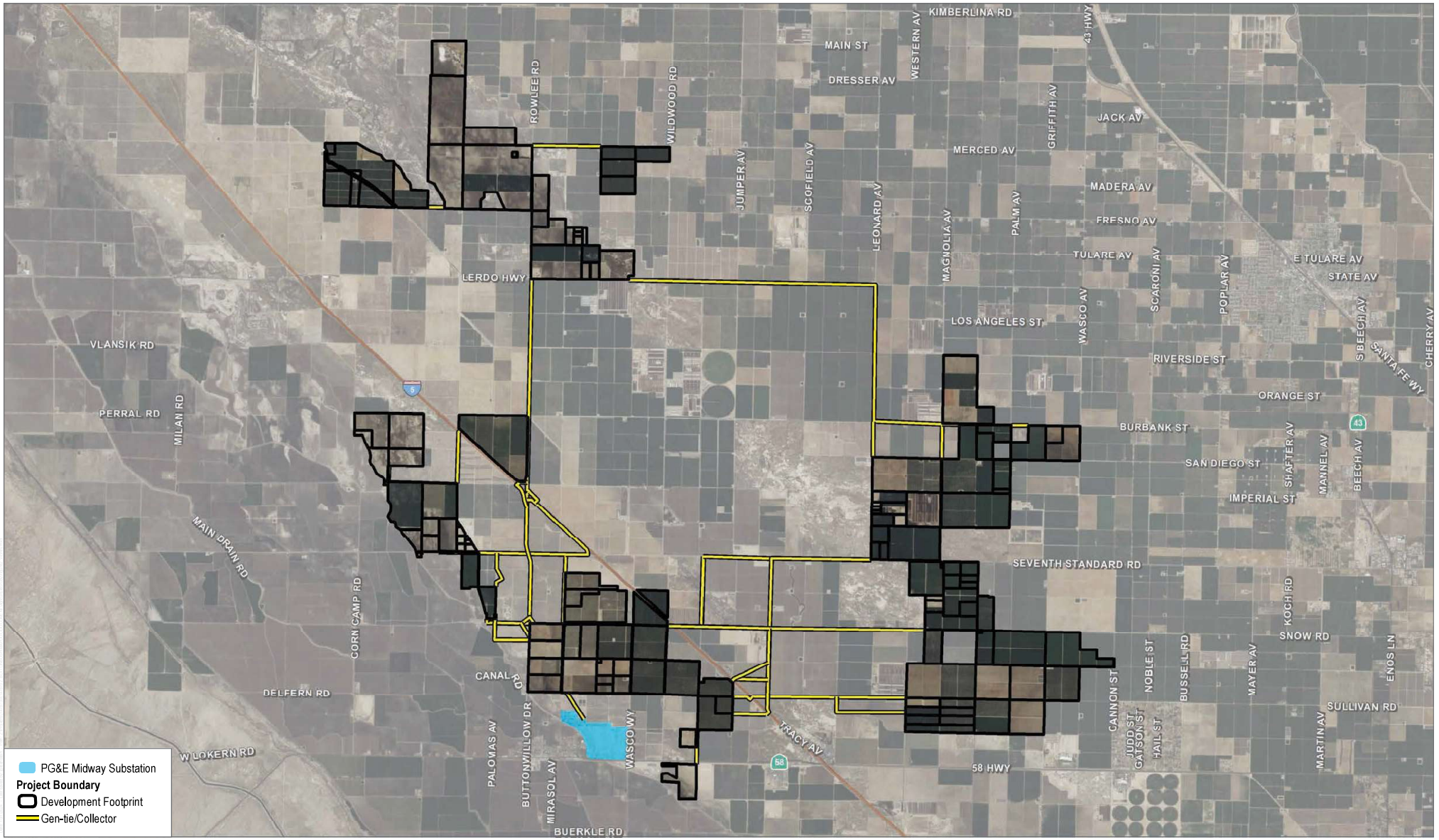
0 1 2 Miles

**FIGURE 1**

Project Location

Buttonbush Solar Energy Project

INTENTIONALLY LEFT BLANK




SOURCE: Bing Maps 2022; Kern County 2022

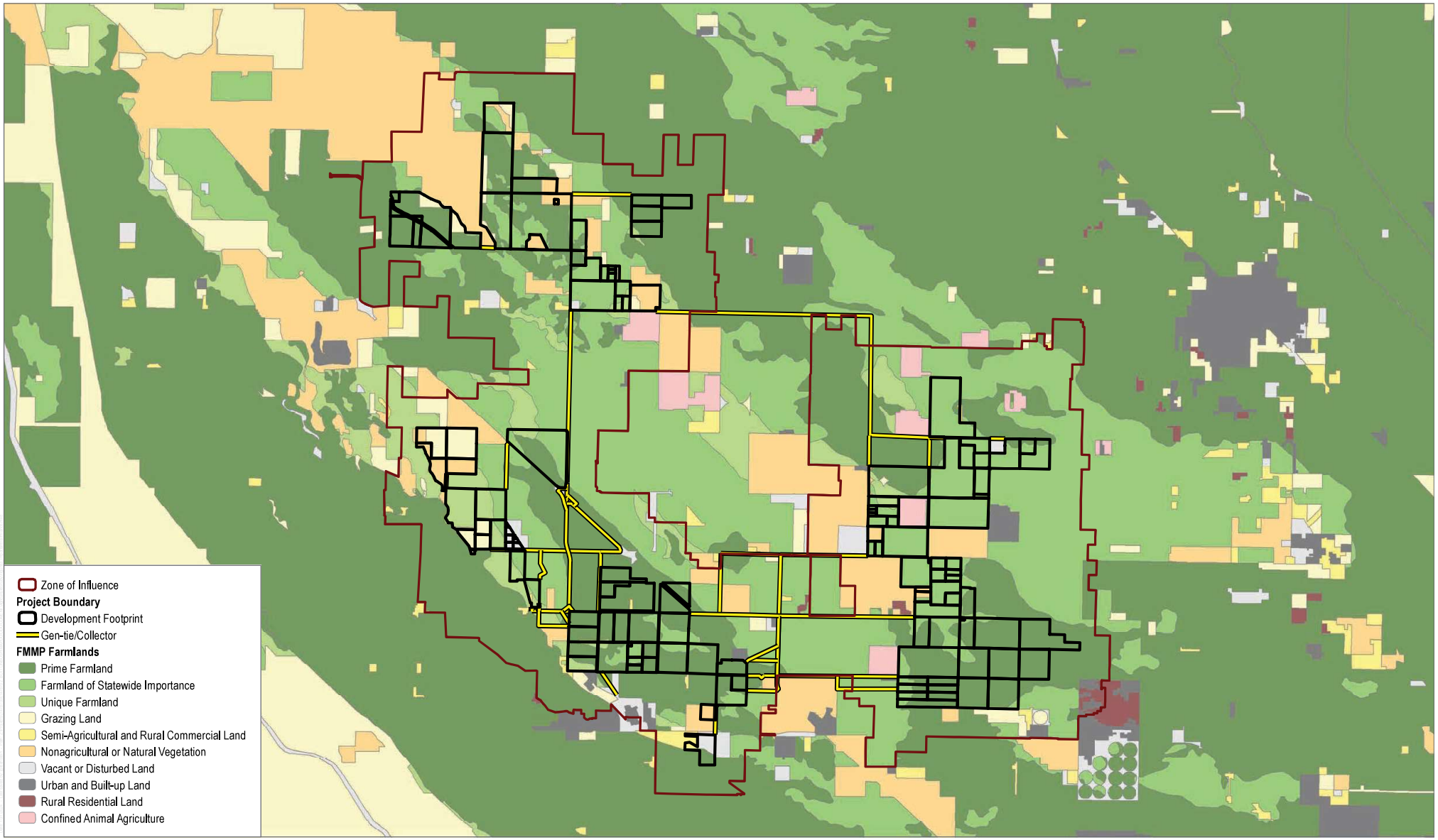
DUDEK

**FIGURE 2**

Project Vicinity

Buttonbush Solar Energy Project

INTENTIONALLY LEFT BLANK




SOURCE: Bing Maps 2022; Kern County 2022; CA Dept. of Conservation 2020

DUDEK

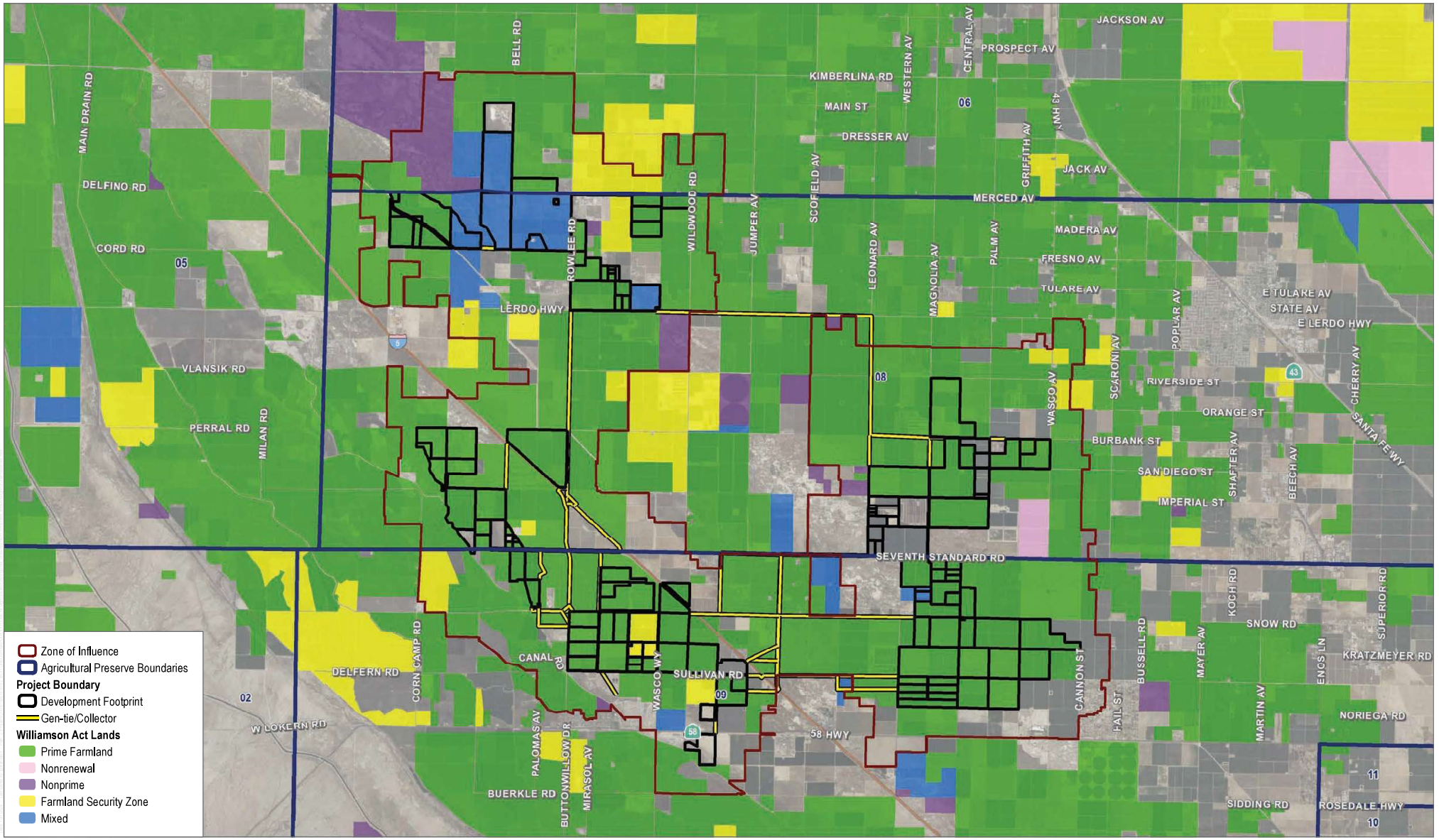
0 1 2 Miles

**FIGURE 3**

Important Farmland

Buttonbush Solar Energy Project

INTENTIONALLY LEFT BLANK




SOURCE: Bing Maps 2022; Kern County 2022; CA Dept. of Conservation 2023

DUDEK

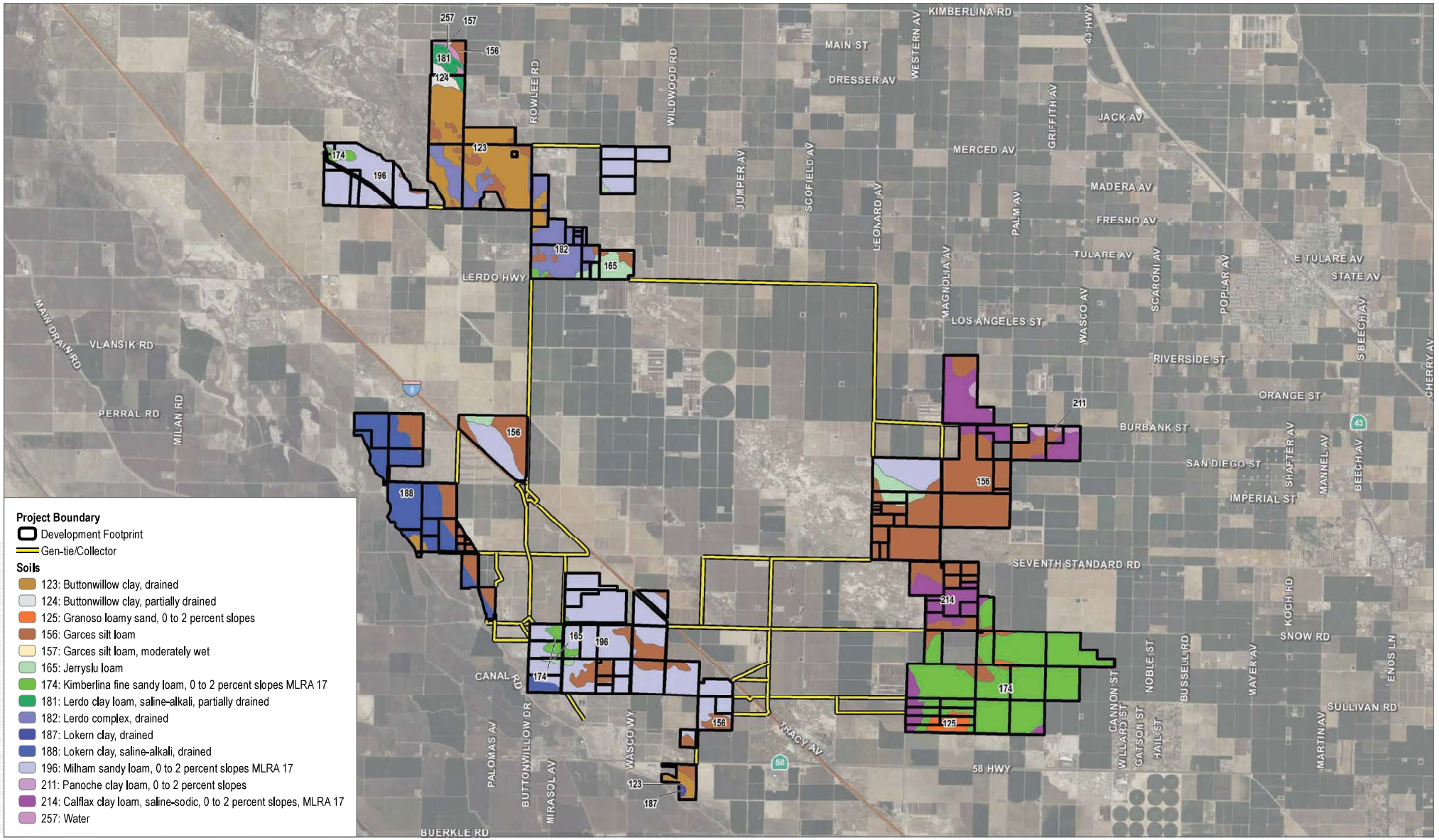
0 1 2 Miles

**FIGURE 4**

Williamson Act Contracted Lands and Agricultural Preserves

Buttonbush Solar Energy Project

INTENTIONALLY LEFT BLANK




SOURCE: Bing Maps 2022; Kern County 2022; USDA SSURGO 2022

DUDEK

0 1 2 Miles

**FIGURE 5**

Soils

Buttonbush Solar Energy Project

INTENTIONALLY LEFT BLANK

# Appendix A

Semitropic Water Storage District and Landowner Letters

1101 Central Avenue, P.O. Box 8043, Wasco, CA 93280-9419

Telephone: (661) 758-5113 Bakersfield: (661) 327-7144
Facsimile: (661) 758-3219 E-mail: mail@semitropic.com
Website: www.semitropic.com

Kern County Planning and Natural Resources Department
2700 M Street, No. 100
Bakersfield, CA 93301

Re: Support for Buttonbush Solar and Storage Project: Addressing Water Scarcity and Fallowing Lands in Semitropic Water District

Dear Kern County Planning:

I am writing on behalf of Semitropic Water Storage District (SWSD), which serves approximately 140,000 acres of farmland in Kern County, delivering water to nearly 300 customers for irrigation. As the General Manager of the District, I am reaching out to express our support for the proposed Buttonbush Solar and Storage Project (Buttonbush Project) and to highlight the critical role this project can play in addressing both the challenges of water scarcity and the need for productive land use in our region.

Semitropic Water District, like many areas across California, is facing an ongoing water crisis. Our District is a significant contributor to agricultural production in Kern County, but water availability has been severely constrained in recent years due to prolonged drought, reduced deliveries from state and federal water systems, and increasing demands on our groundwater resources. As part of our Groundwater Sustainability Plan (GSP), the SWSD is committed to meeting sustainability goals, which include reducing water usage and managing groundwater levels to ensure a reliable future for our agricultural community. This plan necessitates the fallowing of thousands of acres of farmland in the coming years, as our water resources become increasingly scarce.

As part of the GSP, SWSD has implemented a land fallowing program aimed at reducing water consumption and achieving sustainable groundwater management. The SWSD's goal is to fallow between 42,880 and 58,190 acres by 2040, depending on per-acre consumptive use rates and assuming we are unable to increase access to surface water supplies. This initiative is essential to address the estimated water budget deficit of approximately 162,940 acre-feet per year.

This difficult decision is rooted in the reality that continued intensive irrigation of crops is no longer feasible given the water constraints. Recent data indicates a reduction of about 15,000 irrigated acres within SWSD since 2015, leading to a decrease in water demand by approximately 42,400 acre-feet. This trend reflects the SWSD's ongoing efforts to align agricultural practices with available water resources.

1101 Central Avenue, P.O. Box 8043, Wasco, CA 93280-9419

Telephone: (661) 758-5113 Bakersfield: (661) 327-7144
Facsimile: (661) 758-3219 E-mail: mail@semitropic.com
Website: www.semitropic.com

It is in this context that we strongly support the Buttonbush Project as a productive and beneficial use of land within our District. The proposed project offers a "win-win" scenario by repurposing lands that would otherwise be left fallow due to water scarcity. This transition to solar energy production aligns with our long-term goals of sustainability by reducing water demand while simultaneously contributing to California's renewable energy objectives. Furthermore, it offers a valuable opportunity for economic diversification in an area heavily reliant on agriculture.

The shift to utility-scale solar projects, such as Buttonbush Project, provides benefits to the local community and to Kern County at large. It would generate clean, renewable energy, create jobs, and provide additional tax revenue for the region, helping to mitigate the economic impacts of fallowing land for agricultural use. Transitioning lands from high-water-demand crops to solar energy generation will also help address the critical issue of water scarcity while offering an economically viable alternative for landowners within our district.

We respectfully urge the Kern County Planning and Natural Resources Department to approve the Buttonbush Project, which presents an opportunity to address the water crisis, support local landowners, and contribute to the long-term economic and environmental sustainability of our region.

Thank you for your consideration.

Sincerely,

Jason Gianquinto
General Manager, Semitropic Water Storage District

Allan Bittleston
7210 Meadowbrook Lane
Bakersfield, CA 93309
abtailspin@gmail.com
(661)331-1314

March 27, 2025

Kern County Planning and Natural Resources Department
2700 M Street, No. 100
Bakersfield, CA 93301

Subject: Support for Buttonbush Solar Project – APN 100-020-19-00-1

To Whom it May Concern,

I am writing to show support of the Buttonbush Solar project. I own 134.59 acres on a 219.87-acre parcel (APN 100-020-19-00-1) located on Snow Road in Buttonwillow, CA that I hope to be able to include in this project. Due to prolonged and severe drought conditions in the area, the land is no longer viable for agricultural use. Our farm relies entirely on well water sourced from an underground aquifer, and with the implementation of recent water restrictions, it has become impossible to sustain agricultural production across the entire parcel.

Given these constraints, the Buttonbush Solar and Storage Project, which offers significant environmental and economic benefits to Kern County and the state of California, would not only ensure myself the continued productive use of the land but would also contribute to the state's renewable energy goals and mitigate the impacts of climate change.

By approving this project, Kern County would enable the conservation of a substantial volume of groundwater. Traditional farming operations in this region can require over 3-acre-feet of water per acre annually. By converting 134.59 acres to solar energy production, we estimate saving over 400 acre-feet of water per year, a critical conservation effort given the current water crisis.

Furthermore, the Buttonbush Solar and Storage Project will provide economic benefits to the local community, including job creation during construction and ongoing maintenance, increased tax revenue, and improved energy resilience. The development of this solar project will also allow my land to serve a sustainable and productive purpose while alleviating the burden of water scarcity.

We respectfully request the Board's approval of this project. Please feel free to contact me at (661)331-1314 or abtailspin@gmail.com should you require additional information.

Sincerely,

Allan Bittleston
7210 Meadowbrook Lane
Bakersfield, CA 93309
abtailspin@gmail.com
(661)331-1314

December 22. 2024

Kern County Planning and Natural Resources Department

Attn: Lorelei Oviatt

2700 M Street

Bakersfield, CA 93301

RE: Support for Buttonbush Solar and Storage Project

Dear Lorelei Oviatt:

I am co-owner of Portwood Farms and Trustee of Philip Portwood Family Trust, which owns 700 acres that are to be part of the Buttonbush Solar and Storage Project. APN: 103-040-02. 103-040-24. 103-040-14, part of 103-040-08. 103-100-01 and 103-100-02.

My family has been farming in Kern County for more than 72 years and has owned these parcels for 36 years. These parcels are in Semitropic Water Storage District. I have been a member of the Board of Semitropic Water Storage District for 40 years. The SGMA Law will reduce the acres that can be farmed in the Semitropic Water Storage District by 30,000 acres or more.

We will have to fallow at least 700 acres for us to be sustainable. This project will allow us to transfer the water to other parcels we own and be sustainable with water.

The project will keep our 700 acres productive without any water use while continuing to pay taxes to county and water district. This helps not only us, but the County of Kern and the Semitropic Water Storage District. It also produces clean energy for years to come. Without this project the land would go out of production.

We entered into a land option and lease agreement with Avantus on June 21, 2022. This lease will provide financial stability and allow us to continue farming our other properties.

This project is a "win-win" for landowners like us, the County of Kern, Semitropic Water Storage District and all landowners in Semitropic Water Storage District.

For these reasons, I urge the County to approve the Buttonbush Solar and Storage Project.

Sincerely, Philip Portwood

February 12, 2025

Kern County Planning and Natural Resources Department
2700 M Street, No. 100
Bakersfield, CA 93301

Re: Support for Buttonbush Solar and Storage Project: Water Scarcity Challenges at Shafter Ranch at Wildwood and Merced.

To whom it may concern:

I am the owner of approximately 160-acres located at the corner of Wildwood Rd. and Merced Ave. (087-010-20-00-4 & 087-020-01-00-2). I am writing in support of the proposed Buttonbush Solar and Storage Project, and to provide you with important information regarding the farming activities on the Property and the potential impact of the Project.

My family has owned the Property for more than 40 years, during which it has been used to grow cotton and wheat, but has been an Almond orchard since 1980. It is still an active Almond orchard, however with the cultural costs along with the current cost of water is making it difficult to farm.

Drought and reduced water deliveries have severely impacted farming operations across Kern County, and our property is no exception. The Property receives water from Semitropic Water Storage District but, in recent years we have struggled to secure the necessary amount of water to sustain farming operations.

Semitropic Water Storage District has announced plans to significantly reduce water deliveries to farmers in this region. These severe water shortages will make it very difficult to continue our farming operations in the years to come.

On approximately 8/1/23, Avantus approached me to discuss leasing portions of the Property for the Project. Leasing the land for solar development would also provide financial stability and allow us to address other farming challenges.

The proposed Project offers a "win-win" for both the County and local landowners like us. By repurposing land already slated for fallowing, the Project will contribute to California's clean energy goals while reducing water usage – a critical benefit given the ongoing drought and reduced water availability. Additionally, the Project will bring economic benefits such as job creation and tax revenue, helping to mitigate the economic challenges associated with the expected decline in farming operations in Kern County.

For these reasons, I respectfully urge the County to approve the Buttonbush Solar and Storage Project.

Sincerely,

1-6-2025

Kern County Planning and Natural Resources Department
2700 M Street, No. 100
Bakersfield, CA 93301

Re: Support for Buttonbush Solar and Storage Project: Water Scarcity Challenges at Tjaarda Ranches, LLC.

Dear Kern County Planning Department:

I am the co-owner of the Tjaarda Ranches, LLC property, an approximately 960-acre parcel located at 19211 Magnolia Ave in Shafter (property consists of multiple APNs) (Property). I am writing in support of the proposed Buttonbush Solar and Storage Project (Project), and to provide you with important information regarding the farming activities on the Property and the potential impact of the Project.

Our family has owned the Property for more than 26 years, during which it has been used to grow products such as wheat, corn, almonds and milk. Most recently, we produced milk, almonds, wheat and corn which has become increasingly challenging due to both the labor-intensive nature of farming and significant water demand. For example, in the past several years we have undertaken extensive activities like tilling, disking, soil amendments and installing/repairing irrigation equipment/lines.

Drought and reduced water deliveries have severely impacted farming operations across Kern County, and our property is no exception. The Property is located in the Semitropic Water Storage District. Our ranch operates entirely on wells and we bear the costs of operating these wells. Costs include increased district taxes/fess, well maintenance and lowering costs, and ever increasing electrical rates, all of which is not sustainable.

Semitropic has announced plans to significantly reduce water deliveries to farmers in this region. Semitropic intends to cut water deliveries yearly in order to achieve sustainable groundwater projections, which will lead to the fallowing of thousands acres, including ours. These severe water shortages will make it very difficult to continue our farming operations in the years to come. Milk is our main business and as less acres are available to grow forage crops (ex. wheat and corn) our cost to produce milk will increase resulting in a smaller herd and less employees. Downsizing the herd will eventually cause the business to no longer be economically viable.

Recognizing these unsustainable conditions, our family made the difficult decision to eventually take part of the Property out of production. We came to that decision before any discussions about leasing the land for the Project. Water scarcity, combined with increasing costs of farming made it clear that continued agricultural activity on this Property was no longer feasible.

In the fall of 2022, Avantus approached me to discuss leasing portions of the Property for the Project. Since we already knew we would be fallowing some of this ranch in the future, this

seemed like a valuable opportunity to repurpose the Property for a productive, water-efficient use. Leasing the land for solar development would also provide financial stability and allow us to potentially relocate the dairy was well as transition onto a different industry or continue farming other properties.

The proposed Project offers a "win-win" for both the County and local landowners like us. By repurposing land already slated for fallowing, the Project will contribute to California's clean energy goals while reducing water usage – a critical benefit given the ongoing drought and reduced water availability. Additionally, the Project will bring economic benefits such as job creation and tax revenue, helping to mitigate the economic challenges associated with the expected decline in farming operations in Kern County.

For these reasons, we respectfully urge the County to approve the Buttonbush Solar and Storage Project.

Sincerely,

Perry Tjaarda

Tjaarda Ranches, LLC

Perry Tjaarda

*- Draft -*

January 12, 2025

Kern County Planning and Natural Resources Department
Attn: [INSERT]
2700 M Street, No. 100
Bakersfield, CA 93301

Re: Support for Buttonbush Solar and Storage Project: Water Scarcity Challenges at Affentranger Brothers

Dear [INSERT]:

I am a partner of a family-owned partnership, Affentranger Brothers, which owns approximately 240 acres of agricultural property located near Buttonwillow, CA. The attached Exhibit 1 lists the county APNs and corresponding acres. I am writing in support of the proposed Buttonbush Solar and Storage Project (Project), and to provide you with important information regarding the farming activities on our property and the potential impact of the Project.

Our family has owned this farm property for more than 41years, during which it has been used to grow commodities such as alfalfa, wheat, cotton, and corn. Most recently, we produce almonds which has become increasingly challenging due to California's regulatory environment (i.e. SGMA), high input costs such as labor and energy and significant water reductions. In the past five years, in order to sustain our operations, we have undertaken extensive activities such as fallowing land, tilling reductions, adding soil amendments, and installing efficient irrigation systems. This has been very expensive and with each passing year, these costs continue to rise without corresponding revenue increases.

Drought and reduced water deliveries due to the Sustainable Groundwater Management Act (SGMA) have severely impacted farming operations across Kern County, and our property is no exception. SGMA requires our water agencies to halt overdraft and bring groundwater basins into balanced levels of pumping and recharge. Our property receives water from Semitropic Water Storage District and Rosedale-Rio Bravo Water Storage District but, in recent years we have been unable to secure the necessary amount of water at a price that allows us to sustain our farming operation.

California's State Water Project (SWP) has announced plans to significantly reduce water deliveries to farmers in this region. The SWP's 2025 water allocation is currently at 15% which will cut water deliveries to our water districts which in turn leads to water reductions for agricultural farms including ours. Other dire announcements include Semitropic Water Storage District's plan to reduce water deliveries by more than 120,000 acre-feet per year. The district expects this to result in fallowing of over 30-thousand acres of farmlands in and around Kern County. These severe water shortages will make it nearly impossible to continue our farming operations in the years to come. Reducing productive farm land will also affect our local community in the form of unemployed farm workers, decreased property land values, and a reduction to Kern County's property tax assessments.

Recognizing these unsustainable conditions, our family made the difficult economic decision in late 2020 to take a large portion of our farm property out of production steadily by 2026. We came to that decision before any discussions about leasing the land for the Project. Water scarcity, combined with increasing input costs of farming made it clear that continued agricultural activity on our farm property was no longer feasible.

In 2021, Avantus approached us to discuss leasing portions of our property for the Project. Since we had already decided to fallow a large portion of our farm land, this seemed like a valuable opportunity to repurpose our property for a productive, water-efficient use. Leasing the land for solar development would also provide financial stability and allow us to transition into a different industry while benefiting the local community by freeing up our water allocation so it could be used by others while also maintaining a high-value tax base for Kern County.

The proposed Project offers a "win-win" for both Kern County and local landowners like us. By repurposing land already slated for fallowing, the Project will contribute to California's clean energy goals while reducing water usage demanded by SGMA – a critical benefit given the ongoing drought and reduced water availability. Additionally, the Project will bring economic benefits such as job creation and tax revenue, helping to mitigate the economic challenges associated with the expected decline in farming operations in Kern County.

For these reasons, we respectfully urge the County to approve the Buttonbush Solar and Storage Project.

Sincerely,

Franz Affentranger
Affentranger Brothers

..

Affentranger Brothers
Exhibit 1

| APN | Acres |
|---|---|
| • 103-070-15-00-5 | 39.72 |
| • 103-070-16-00-8 | 40.24 |
| • 103-070-17-00-1 | 39.74 |
| • 103-070-18-00-4 | 40.25 |
| • 103-070-19-00-7 | 80.03 |
| | 239.98 |

Appendix C

# Air Quality, Greenhouse Gas, and Energy Materials

*This page intentionally left blank.*

Appendix C.1

# Air Quality, Greenhouse Gas, and Energy Acreage Memorandum

*This page intentionally left blank.*

# MEMORANDUM

| | |
|---|---|
| **To:** | Jack Foster, Planner II, Planning & Natural Resources Department |
| **From:** | Ronelle Candia, Project Manager II, Dudek |
| **Subject:** | Clarification on Project Acreage – Buttonbush Solar & Storage Project, Kern County, CA Air Quality, Greenhouse Gas Emissions, and Energy Technical Report |
| **Date:** | May 16, 2025 |
| **cc:** | Pauline Roberts, Director, Permitting, Avantus<br>Christa Hudson, Permitting Consultant |

## Introduction

In December 2024 Dudek prepared the Final Air Quality, Greenhouse Gas Emissions, and Energy Technical Report (Report) for the Buttonbush Solar and Storage Project (Project) in Kern County, California. The Report assumed the Project would be located on 128 parcels across a leased area of approximately 12,048 acres within an approximately 13,888-acre gross parcel boundary.

## Project Description Revisions

Subsequent to the final Report, the Project area has been revised to be located on 128 parcels across a leased area of approximately 11,983 acres within an approximately 13,868-acre gross parcel boundary. This resulted in a reduction of total acres developed as part of the Project. The modification in the Project acres is because the acres listed by Assessor's Parcel Number (APN) were used to comprise the original Project site acreage total while survey data refinements and minor landowner lease exclusions reduced the total area.

## Findings on Existing Report

The minor reduction in project acreage will not necessitate revisions to the Report, as it does not introduce new significant environmental effects or substantially increase the severity of previously identified impacts. The proposed mitigation measures within the Report remain applicable and do not require revision, despite the slight reduction in acreage from what was analyzed in the technical study.

Additionally, the demolition of specific structures was included in modeling; the modeling inputs related to demolition and grading included sufficient truck trips during the site preparation phase to account for the demolition of all structures and existing uses within the Project area. Therefore, no additional revisions or remodeling are necessary.

Appendix C.2

# Air Quality, Greenhouse Gas, and Energy Technical Report

*This page intentionally left blank.*

# Final Air Quality, Greenhouse Gas Emissions, and Energy Technical Report

# Buttonbush Solar & Storage Project, Kern County, California

**AUGUST 2025**

*Prepared for:*

**29SC 8ME LLC**
4370 Town Center Blvd, Suite 110
El Dorado Hills, California 95762
*Contact: Kevin Brokish*

*Prepared by:*

DUDEK

1701 Westwind Drive, Suite 227
Bakersfield, California 93301
*Contact: Adam Poll*

Printed on 30% post-consumer recycled material.

# Table of Contents

**SECTION** **PAGE NO.**


Acronyms and Abbreviations ..... v

Executive Summary ..... vii

1 Introduction ..... 1
- 1.1 Report Purpose and Scope ..... 1
- 1.2 Regional and Local Setting ..... 1
- 1.3 Project Description ..... 1

2 Air Quality ..... 7
- 2.1 Environmental Setting ..... 7
  - 2.1.1 Meteorological and Topographical Conditions ..... 7
  - 2.1.2 Pollutants and Effects ..... 9
  - 2.1.3 Sensitive Receptors ..... 14
- 2.2 Regulatory Setting ..... 17
  - 2.2.1 Federal Regulations ..... 17
  - 2.2.2 State Regulations ..... 17
  - 2.2.3 Local Regulations ..... 22
- 2.3 Regional and Local Air Quality Conditions ..... 30
  - 2.3.1 San Joaquin Valley Air Basin Attainment Designation ..... 30
  - 2.3.2 Local Ambient Air Quality ..... 31
- 2.4 Significance Criteria and Methodology ..... 35
  - 2.4.1 Thresholds of Significance ..... 35
  - 2.4.2 Approach and Methodology ..... 39
- 2.5 Impact Analysis ..... 47
  - 2.5.1 Would the Project Conflict with or Obstruct Implementation of the Applicable Air Quality Plan? ..... 47
  - 2.5.2 Would the Project Result in a Cumulatively Considerable Net Increase of Any Criteria Pollutant for Which the Project Region is Non-attainment Under an Applicable Federal or State Ambient Air Quality Standard? ..... 48
  - 2.5.3 Would the Project Expose Sensitive Receptors to Substantial Pollutant Concentrations? ..... 61
  - 2.5.4 Would the Project Result in Other Emissions (Such as Those Leading to Odors) Adversely Affecting a Substantial Number of People? ..... 64
  - 2.5.5 Cumulative Impacts Summary ..... 64

3 Greenhouse Gas Emissions ..... 67
- 3.1 Environmental Setting ..... 67

3.1.1 Climate Change Overview ..... 67
3.1.2 Greenhouse Gases ..... 67
3.1.3 Global Warming Potential ..... 69
3.2 Regulatory Setting ..... 70
3.2.1 Federal Regulations ..... 70
3.2.2 State Regulations ..... 72
3.2.3 Local Regulations ..... 79
3.3 Greenhouse Gas Inventories and Climate Change Conditions ..... 83
3.3.1 Sources of Greenhouse Gas Emissions ..... 83
3.3.2 Potential Effects of Climate Change ..... 84
3.4 Significance Criteria and Methodology ..... 87
3.4.1 Thresholds of Significance ..... 87
3.4.2 Approach and Methodology ..... 88
3.5 Impact Analysis ..... 90
3.5.1 Would the Project Generate Greenhouse Gas Emissions, Either Directly or Indirectly, That May Have a Significant Impact on the Environment? ..... 90
3.5.2 Would the Project Conflict with an Applicable Plan, Policy, or Regulation Adopted for the Purpose of Reducing the Emissions of Greenhouse Gases? ..... 91
3.5.3 Cumulative Impacts Summary ..... 118
4 Energy ..... 120
4.1 Existing Conditions ..... 120
4.2 Regulatory Setting ..... 121
4.2.1 Federal Regulations ..... 121
4.2.2 State Regulations ..... 122
4.2.3 Local Regulations ..... 129
4.3 Significance Criteria and Methodology ..... 130
4.3.1 Thresholds of Significance ..... 130
4.3.2 Approach and Methodology ..... 130
4.4 Impact Analysis ..... 131
4.4.1 Would the Project Result in Potentially Significant Environmental Impact due to Wasteful, Inefficient, or Unnecessary Consumption of Energy Resources, during Project Construction or Operation? ..... 131
4.4.2 Would the Project Conflict with or Obstruct a State or Local Plan for Renewable Energy or Energy Efficiency? ..... 136
4.4.3 Cumulative Impacts Summary ..... 137
5 References Cited ..... 139
6 List of Preparers ..... 148

## TABLES


1 Ambient Air Quality Standards ..... 19
2 San Joaquin Valley Air Basin Attainment Status ..... 31
3 Local Ambient Air Quality Data ..... 33
4 San Joaquin Valley Air Pollution Control District CEQA Significance Thresholds for Criteria Pollutants ..... 36
5 Screening Levels for Potential Odor Sources ..... 37
6 Solar Construction Assumptions ..... 40
7 Decommissioning Scenario Assumptions ..... 41
8 American Meteorological Society/Environmental Protection Agency Regulatory Model Principal Parameters – Construction Health Risk Assessment ..... 42
9 AERMOD Principal Parameters – Air Quality Impact Assessment ..... 44
10 AERMOD Principal Parameters – Particulate Matter Dispersion Modeling ..... 45
11 Estimated Annual Construction Criteria Air Pollutant Emissions – Unmitigated ..... 49
12 Estimated Annual Construction Criteria Air Pollutant Emissions – Mitigated ..... 50
13 Maximum Daily Construction Criteria Air Pollutant Emissions – Unmitigated ..... 51
14 Maximum Daily Construction Criteria Air Pollutant Emissions – Mitigated ..... 53
15 Construction Air Quality Impact Assessment – Unmitigated ..... 55
16 Construction Air Quality Impact Assessment – Mitigated ..... 56
17 Construction Emissions Dispersion Modeling Results – Unmitigated ..... 58
18 Construction Emissions Dispersion Modeling Results – Mitigated ..... 58
19 Estimated Annual Operational Criteria Air Pollutant Emissions – Unmitigated ..... 59
20 Estimated Maximum Daily Operational Criteria Air Pollutant Emissions – Unmitigated ..... 59
21 Construction Health Risk Assessment Results – Unmitigated ..... 62
22 Construction Health Risk Assessment Results – Mitigated ..... 62
23 Greenhouse Gas Emissions Sources in California ..... 83
24 Kern County Greenhouse Gas Emissions by Sectors ..... 84
25 Estimated Annual Construction Greenhouse Gas Emissions – Unmitigated ..... 91
26 Estimated Annual Decommissioning Greenhouse Gas Emissions – Unmitigated ..... 91
27 Estimated Annual Construction Greenhouse Gas Emissions – Mitigated ..... 92
28 Estimated Annual Decommissioning Greenhouse Gas Emissions – Mitigated ..... 93
29 Summary of Estimated Annual Operational Greenhouse Gas Emissions ..... 93
30 Applicable Greenhouse Gas-Related Laws and Regulations ..... 95
31 Consistency with Kern County's General Plan Policies ..... 107
32 Project Consistency with Scoping Plan Greenhouse Gas Emission-Reduction Strategies ..... 110
33 Total Project Construction Petroleum Demand – Unmitigated ..... 132
34 Total Project Construction Petroleum Demand – Mitigated ..... 132

35 Project Annual Operational Electricity Demand Summary – Unmitigated ..... 134
36 Annual Petroleum Demand – Unmitigated ..... 135

## FIGURES

1 Regional Map ..... 3
2 Project Site Plan ..... 5
3 Sensitive Receptors ..... 15

## APPENDICES

A CalEEMod Output Files
B Health Risk Assessment
C Air Quality Impact Assessment
D Particulate Matter Dispersion Modeling

# Acronyms and Abbreviations

| Acronym/Abbreviation | Definition |
|---|---|
| µg/m$^3$ | micrograms per cubic meter |
| 2009 RACT SIP | Reasonably Available Control Technology Demonstration for Ozone State Implementation Plans |
| AB | Assembly Bill |
| AERMOD | American Meteorological Society/Environmental Protection Agency Regulatory Model |
| BPS | best performance standards |
| CAAQS | California Ambient Air Quality Standards |
| CalEEMod | California Emissions Estimator Model |
| CALGreen | California's Green Building Standards |
| CARB | California Air Resources Board |
| CCR | California Code of Regulations |
| CEC | California Energy Commission |
| CEQA | California Environmental Quality Act |
| $CH_4$ | Methane |
| CO | carbon monoxide |
| $CO_2$ | carbon dioxide |
| CPUC | California Public Utilities Commission |
| DPM | diesel particulate matter |
| EIR | environmental impact report |
| EISA | Energy Independence and Security Act |
| Energy Code | 2022 Building Energy Efficiency Standards |
| EO | Executive Order |
| EPA | U.S. Environmental Protection Agency |
| EV | electric vehicle |
| First Update | First Update to the Climate Change Scoping Plan: Building on the Framework |
| GAMAQI | Guidance for Assessing and Mitigating Air Quality Impacts–SJVAPCD |
| gen-tie | generator tie line |
| GHG | greenhouse gas |
| GLC | ground-level concentration |
| Governing Board | Governing Board– SJVAPCD |
| GW | Gigawatts |
| GWP | global warming potential |
| HAP | hazardous air pollutant |
| HFC | Hydrofluorocarbon |
| HRA | health risk assessment |
| ISR | Indirect Source Review |
| KCOG | Kern Council of Governments |
| kV | Kilovolt |
| kWh | kilowatt-hours |

| Acronym/Abbreviation | Definition |
|---|---|
| LCFS | Low Carbon Fuel Standard |
| LOS | level of service |
| MM | Mitigation Measure |
| MMT | million metric ton |
| MT | metric ton |
| MT $CO_2e$ | metric tons of $CO_2$ equivalent |
| $N_2O$ | nitrous oxide |
| NAAQS | National Ambient Air Quality Standards |
| $NF_3$ | nitrogen trifluoride |
| NHTSA | National Highway Traffic Safety Administration |
| $NO_2$ | nitrogen dioxide |
| $NO_x$ | oxides of nitrogen |
| $O_3$ | ozone |
| O&M | operations and maintenance |
| PFC | perfluorocarbon |
| PG&E | Pacific Gas and Electric |
| $PM_{10}$ | particulate matter with an aerodynamic diameter less than or equal to 10 microns |
| $PM_{2.5}$ | particulate matter with an aerodynamic diameter less than or equal to 2.5 microns |
| Project | Buttonbush Solar & Storage Project |
| PV | photovoltaic |
| RPS | Renewables Portfolio Standard |
| RTP | Regional Transportation Plan |
| SB | Senate Bill |
| SCAG | Southern California Association of Government |
| SCS | Sustainable Communities Strategy |
| $SF_6$ | sulfur hexafluoride |
| SIL | Significant Impact Level |
| SIP | State Implementation Plan |
| SJVAB | San Joaquin Valley Air Basin |
| SJVAPCD | San Joaquin Valley Air Pollution Control District |
| $SO_2$ | sulfur dioxide |
| $SO_x$ | sulfur oxides |
| SWRCB | State Water Resources Control Board |
| TAC | toxic air contaminants |
| VMT | vehicle miles traveled |
| VOC | volatile organic compound |
| ZEV | zero-emission vehicle |

# Executive Summary

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with implementation of the proposed Buttonbush Solar and Storage Project (project). This assessment utilizes the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR [California Code of Regulations] 15000 et seq.).

## Project and Approach Overview

The project would include the construction and operation of a photovoltaic solar facility and associated infrastructure necessary to generate up to 2 gigawatts (GW) of alternating current (AC) power with an up to 2 GW energy storage system. The project, as proposed by 29SC 8me LLC (project proponent), would be located on 128 parcels across approximately 13,868 acres of privately owned land currently under agricultural use in the valley region of Kern County (County).

The project would be supported by one or more 500 kilovolt (kV) gen-tie electrical transmission lines originating from one or more on-site substations and terminating at the existing PG&E Midway Substation. The project study area includes the development footprint and gen-tie/collector line, which includes a 200-foot corridor. PG&E will modify the Midway Substation's 500 kV yard within their property boundary to accommodate the proposed project's interconnection. The project's permanent facilities would include solar modules and racking, inverters, transformers, service roads, a power collection system, communication cables, microwave/ radio towers, meteorological stations, a generation-transmission (gen-tie) line with optical ground wire and overhead and underground transmission lines, electrical switchyards, project substations, security fencing, use of onsite water wells, and operations and maintenance (O&M) facilities.

The project site is located within the San Joaquin Valley Air Basin and is under the jurisdiction of the County and the San Joaquin Valley Air Pollution Control District (SJVAPCD). Kern County's Guidelines for Preparing an Air Quality Assessment for Use in Environmental Impact Reports (Kern County 2006) and the SJVAPCD Guidance for Assessing and Mitigating Air Quality Impacts (GAMAQI) (SJVAPCD 2015a) were followed, as applicable to the project. Construction and operational criteria air pollutant and GHG emissions were estimated using the California Emissions Estimator Model (CalEEMod) Version 2022.1.1.29.

## Air Quality

Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. Criteria air pollutants include ozone ($O_3$), nitrogen dioxide ($NO_2$), carbon monoxide (CO), sulfur dioxide, particulate matter with an aerodynamic diameter less than or equal to 10 microns ($PM_{10}$), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. Pollutants that are evaluated include reactive organic gases (ROGs), oxides of nitrogen ($NO_x$), CO, sulfur oxides ($SO_x$), $PM_{10}$, and $PM_{2.5}$. ROGs and $NO_x$ are important because they are precursors to $O_3$.

A project is nonconforming with an air quality plan if it conflicts with or delays implementation of any applicable attainment or maintenance plan. The SJVAPCD has prepared plans to attain federal and state $O_3$ and particulate matter ambient air quality standards, as required under the federal Clean Air Act. The SJVAPCD has established

thresholds of significance for criteria pollutant emissions, and projects with emissions below the thresholds of significance for criteria pollutants that would be determined to "not conflict or obstruct implementation of the District's air quality plan" (SJVAPCD 2015a). As determined in the assessment of project-generated construction and operational emissions, with mitigation measures (MMs) pertaining to best practices for procuring and operating construction equipment (**MM-AQ-1, Construction Equipment**), for reducing dust-related emissions (**MM-AQ-2, Use of Dust Suppressants**), and for reducing emissions of $NO_x$ and $PM_{10}$ (**MM-AQ-3, Voluntary Emission Reduction Agreement**), the project would result in emissions that would not exceed SJVAPCD thresholds, result in an increase in the frequency or severity of existing air quality violations, or cause or contribute to new violations. The ambient air quality assessment showed the project would not exceed applicable air quality standards. Therefore, the project would not conflict with or delay the implementation of the SJVAPCD attainment plans.

There are over 30 sensitive receptors (single-family residences and others) located in the immediate vicinity of the project, the closest being within 50 feet of the project boundary. The construction health risk assessment performed for the project showed results that were less than the SJVAPCD threshold with mitigation for cancer and non-cancer impacts.

Operation of the project would not expose sensitive receptors to localized high concentrations of CO or contribute traffic volumes to intersections that would cause a CO hotspot. As neither the 1-hour nor the 8-hour CO California Ambient Air Quality Standards (CAAQS) would be equaled or exceeded at any of the studied intersections.

Coccidioidomycosis, more commonly known as valley fever, is an infection caused by inhalation of the spores of the *Coccidioides immitis* fungus, which grows in the soils of the southwestern United States. The project would be required to comply with Rule 8021, Section 6.3, which would require the project to develop, prepare, submit, obtain approval of, and implement a dust control plan. In addition, the project would implement various dust control strategies and provide valley fever awareness and training to all project construction employees, as included in **MM-AQ-4** and **MM-AQ-5**. Therefore, with mitigation the project would not expose sensitive receptors to substantial concentrations of valley fever.

Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application, which would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. Impacts associated with odors during construction would be less than significant. The project would not include land use types that would generate odors during operation.

## Greenhouse Gas Emissions

Global climate change is primarily considered a cumulative impact but must also be evaluated on a project level under CEQA. A project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHG emissions. GHGs are gases that absorb infrared radiation in the atmosphere. Principal GHGs regulated under state and federal law and regulations include carbon dioxide ($CO_2$), methane ($CH_4$), and nitrous oxide ($N_2O$). GHG emissions are measured in metric tons of $CO_2$ equivalent (MT $CO_2e$), which account for weighted global warming potential (GWP) factors for $CH_4$ and $N_2O$.

Construction of the project would result in GHG emissions primarily associated with use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. The estimated total

unmitigated GHG emissions during construction would be approximately 28,274 MT $CO_2e$. Estimated project-generated construction emissions amortized over 30 years would be approximately 943 MT $CO_2e$ per year. The estimated total GHG emissions during decommissioning would be approximately 12,151 MT $CO_2e$. Estimated project-generated unmitigated decommissioning emissions amortized over 30 years would be approximately 405 MT $CO_2e$ per year. The estimated total mitigated GHG emissions during construction would be approximately 27,369 MT $CO_2e$. Estimated project-generated construction emissions amortized over 30 years would be approximately 912 MT $CO_2e$ per year. The estimated total GHG emissions during decommissioning would be approximately 10,932 MT $CO_2e$. Estimated project-generated mitigated decommissioning emissions amortized over 30 years would be approximately 364 MT $CO_2e$ per year.

Operation of the project would generate GHG emissions through motor vehicle and delivery truck trips to and from the project site; landscape maintenance equipment operation; energy use (generation of electricity consumed by the project); solid waste disposal; water use; and on-site septic system. Estimated annual project-generated unmitigated operational emissions plus amortized project construction and decommissioning emissions would be approximately 10,084 MT $CO_2e$ per year and mitigated would be 10,013 MT $CO_2e$ per year. When accounting for offsetting of the use of fossil fuels for electricity generation, the proposed project with mitigation would avoid a net total of 1,161,358 MT $CO_2e$ from 2030 through 2044 when accounting for the project's emissions.

Development of the project site would be consistent with the County's General Plan, support the Kern Council of Governments (KCOG) 2022 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), and demonstrate consistency with the CARB Climate Change Scoping Plan: A Framework for Change Scoping Plan, which all promote economic growth while achieving greater energy efficiency. The project would be consistent with KCOG's 2022 RTP/SCS, Senate Bill 32, and Executive Order (EO) S-3-05. The project would not conflict with any plans adopted with the purpose of reducing GHG emissions.

## Energy

The project would result in the use of electricity and petroleum during construction and operation. However, the amount of energy used by the project would be minimal compared to regional demands. Regarding solar power, the project is designed as a 2 GW solar system. According to PVWatts, the project is estimated to produce 3,390,332,060 kWh per year of renewable energy from the photovoltaic system. The project would use renewable energy on site, as determined to be feasible, and would not result in wasteful, inefficient, or unnecessary consumption of energy resources, including electricity or petroleum during project construction or operation.

The project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency during project construction. The project would not conflict with applicable plans for renewable energy, as it would be required to include solar energy pursuant to Title 24. As such, the project, in combination with other reasonably foreseeable projects, would not conflict with a state or local plan for renewable energy or energy efficiency.

INTENTIONALLY LEFT BLANK

# 1 Introduction

## 1.1 Report Purpose and Scope

The purpose of this technical report is to assess the potential air quality, greenhouse gas (GHG) emissions, and energy impacts associated with implementation of the proposed Buttonbush Solar and Storage Project (project). This assessment uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.) and is based on the emissions-based significance thresholds recommended by Kern County (County), the San Joaquin Valley Air Pollution Control District (SJVAPCD), and other applicable thresholds of significance.

This introductory section provides a description of the project and the project location. Chapter 2, Air Quality, describes the air quality–related environmental setting, regulatory setting, existing air quality conditions, and thresholds of significance and analysis methodology, and presents an air quality impact analysis per Appendix G of the CEQA Guidelines. Chapter 3, Greenhouse Gas Emissions, follows the same format as Chapter 2 and similarly describes the GHG emissions-related environmental setting, regulatory setting, existing climate change conditions, and thresholds of significance and analysis methodology, and presents a GHG emissions impact analysis per Appendix G of the CEQA Guidelines. Chapter 4, Energy, follows the same format as Chapters 2 and 3 and similarly describes the energy-related environmental setting, regulatory setting, existing conditions, and thresholds of significance and analysis methodology, and presents an energy impact analysis per Appendix G of the CEQA Guidelines. Chapter 5, References Cited, includes a list of the references cited. Chapter 6, List of Preparers, includes a list of those who prepared this technical report.

## 1.2 Regional and Local Setting

The project site is located in the southern portion of San Joaquin Valley in the valley region of Kern County, specifically in proximity to Interstate 5, Highway 58, and Highway 46. The project site is located primarily on flat terrain, currently either used for agricultural operations and/or vacant undisturbed land designated for agricultural use. The project is located across multiple U.S. Geological Survey quadrangles, including the Wasco SW, Semitropic, Rio Bravo, Buttonwillow, and Lokern quadrangles. Please refer to Figure 1, Regional Map.

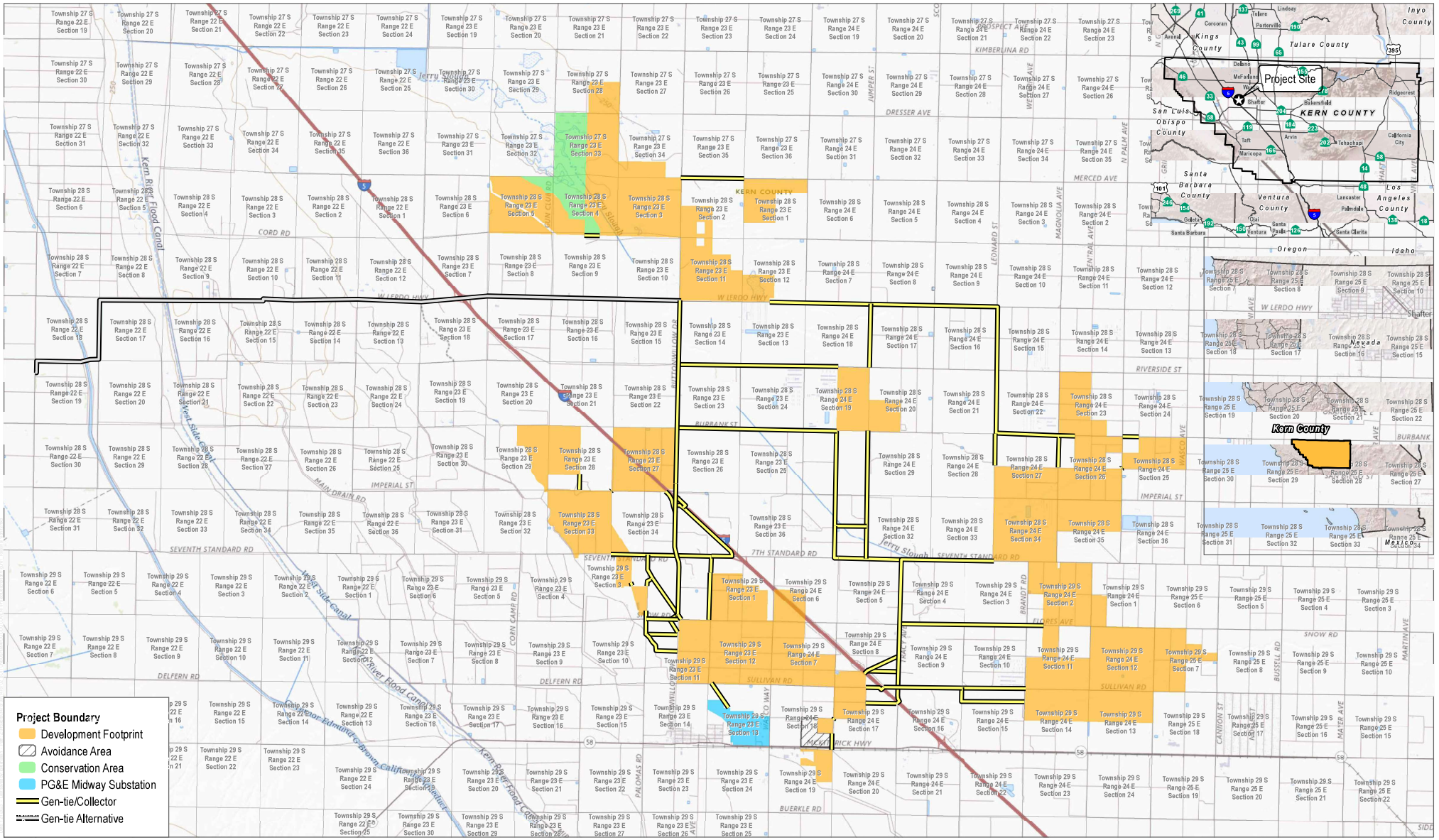
Existing land uses surrounding the project site consist largely of agriculturally zoned parcels which are sparsely occupied by farm or rural residential uses. The primary zoning classification in the 5-mile radius surrounding the project site is Exclusive Agriculture.

## 1.3 Project Description

The project would include the construction and operation of a photovoltaic (PV) solar facility and associated infrastructure necessary to generate up to 2 gigawatts (GW) of alternating current (AC) power with an up to 2 GW energy storage system. The project as proposed by 29SC 8me LLC (project proponent) would be located on 128 parcels across a leased area of approximately 11,983 acres within approximately 13,868-acre gross parcel boundary of privately owned land currently under agricultural use in the valley region of Kern County.

The project would be supported by one or more 500 kilovolt (kV) gen-tie electrical transmission lines originating from one or more on-site substations and terminating at the existing PG&E Midway Substation. The project study area includes the development footprint and gen-tie/collector line, which includes a 200-foot corridor. PG&E will modify the Midway Substation's 500 kV yard within their property boundary to accommodate the proposed project's interconnection. The PG&E Midway Substation parcels comprise approximately 255 acres; however, only a small portion, up to 38.6 acres, will be impacted by the proposed project. PG&E will install and trench underground several fiber-optic lines to the west of the gen-tie route to facilitate communication between the Midway Substation and the Point of Change of Ownership, approximately 0.25-mile northwest. Up to four 175-foot-tall lattice steel towers (LST) or tubular steel poles (TSPs) would support the proposed transmission line and the project's interconnection.

Figure 1 provides the regional location of the project and Figure 2 shows the project site plan.




SOURCE: USGS National Map 2022; Kern County 2022

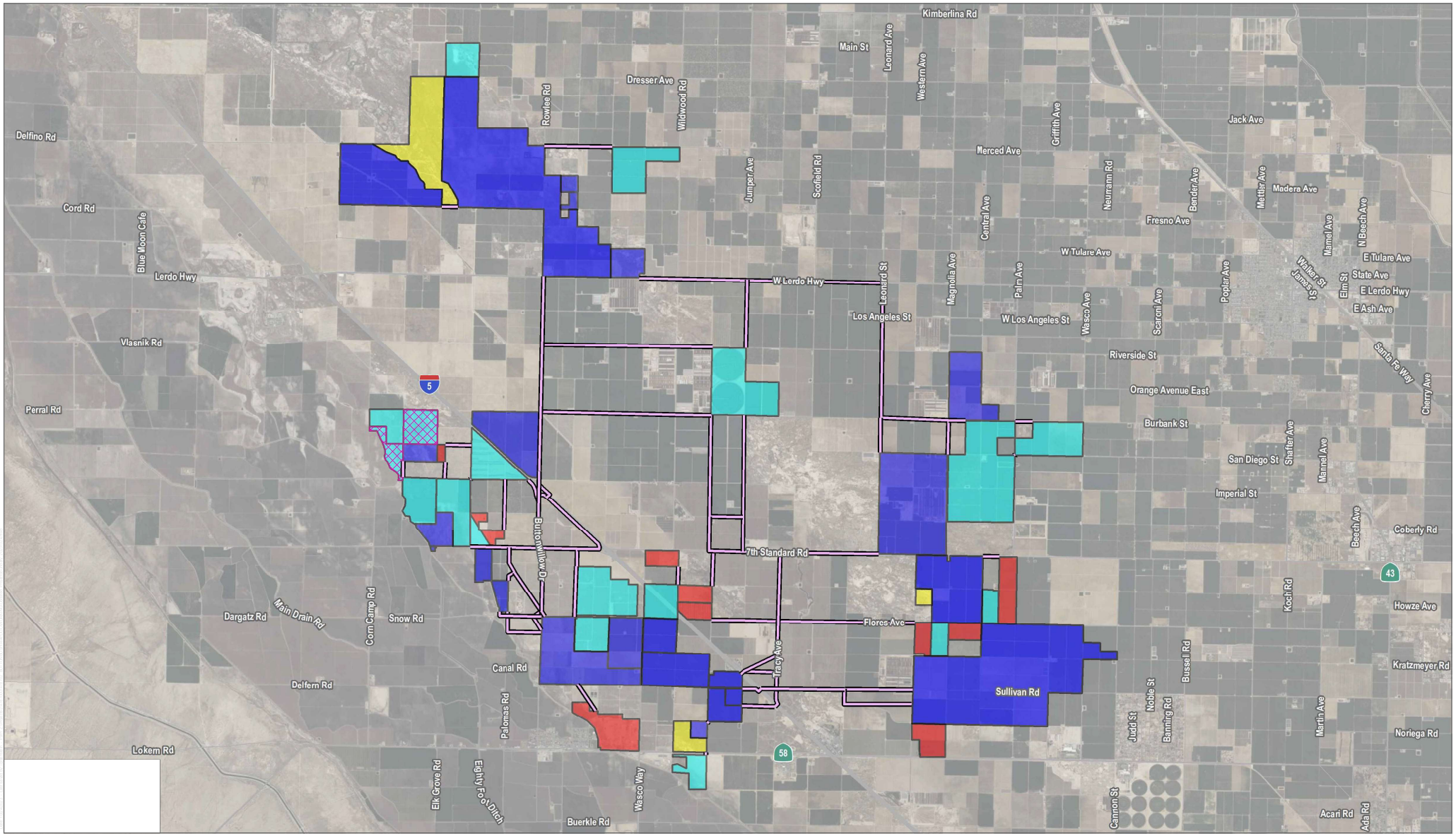
DUDEK

**FIGURE 1**

Regional Vicinity

Buttonbush Solar Energy Project

INTENTIONALLY LEFT BLANK




SOURCE: Bing Maps 2023; Open Street Map 2023

DUDEK

0 1,000 2,000 Feet

**FIGURE 1**

Updated Project Boundary - Houchin and Sage Creek Additions

Buttonbush Solar Energy Project

INTENTIONALLY LEFT BLANK.

# 2 Air Quality

## 2.1 Environmental Setting

As stated previously, the project site is located within the San Joaquin Valley Air Basin (SJVAB).

### 2.1.1 Meteorological and Topographical Conditions

The primary factors that determine air quality are the locations of air pollutant sources and the amounts of pollutants emitted. Meteorological and topographical conditions, however, also are important. Factors such as wind speed and direction, air temperature gradients and sunlight, and precipitation and humidity interact with physical landscape features to determine the movement and dispersal of criteria air pollutants. This analysis was prepared in accordance with the SJVAPCD GAMAQI. These factors are described below.

#### Topography

The project lies within the SJVAB, which consists of eight counties and is spread across 25,000 square miles of Central California. The SJVAB is bordered on the east by the Sierra Nevada (8,000 to 14,491 feet in elevation); on the west by the Coast Ranges (averaging 3,000 feet in elevation); and to the south by the Tehachapi Mountains (6,000 to 7,981 feet in elevation). The San Joaquin Valley comprises the southern half of California's Central Valley and is approximately 250 miles long and averages 35 miles wide, with a slight downward elevation gradient from Bakersfield in the southeast end (elevation 408 feet) to sea level at the northwest end, where the San Joaquin Valley opens to the San Francisco Bay at the Carquinez Strait. At its northern end is the Sacramento Valley, which comprises the northern half of California's Central Valley. The region's topographic features restrict air movement through and out of the SJVAB. As a result, the SJVAB is highly susceptible to pollutant accumulation over time.

#### Climate

The San Joaquin Valley is in a Mediterranean Climate Zone, influenced by a subtropical high-pressure cell most of the year and characterized by warm, dry summers and cooler winters. Mediterranean climates are characterized by sparse rainfall, which occurs mainly in winter. Summertime maximum temperatures in the San Joaquin Valley often exceed 100°F.

The vertical dispersion of air pollutants in the San Joaquin Valley can be limited by the presence of persistent temperature inversions. Air temperatures usually decrease with an increase in altitude. A reversal of this atmospheric state, where the air temperature increases with height, is termed an inversion. A temperature inversion can act like a lid, restricting vertical mixing of air above and below an inversion because of differences in air density and thereby trapping air pollutants below the inversion. The subtropical high-pressure cell is strongest during spring, summer, and fall and produces subsiding air, which can result in temperature inversions. Most of the surrounding mountains are above the normal height of summer inversions (1,500–3,000 feet). Wintertime high pressure events can often last many weeks, with surface temperatures frequently lowering into the 30s°F. During these events, fog can be present, and inversions are extremely strong. These wintertime inversions can inhibit vertical mixing of pollutants to a few hundred feet.

## Wind Patterns

Wind speed and direction play an important role in dispersion and transport of air pollutants. Winds in the San Joaquin Valley most frequently blow from the northwesterly direction, especially in the summer. The region's topographic features restrict air movement and channel the air mass towards the southeastern end of the San Joaquin Valley. Marine air can flow into the SJVAB from the Sacramento–San Joaquin River Delta and over Altamont Pass and Pacheco Pass, where it can flow through the San Joaquin Valley, over the Tehachapi Pass, into the Mojave Desert Air Basin. The Coastal Range and the Sierra Nevada are barriers to air movement to the west and east, respectively. A secondary but significant summer wind pattern comes from the southeast and can be associated with nighttime drainage winds, prefrontal conditions, and summer monsoons. During winter, winds can be very weak, which minimizes the transport of pollutants and results in stagnation events.

Two significant diurnal wind cycles that occur frequently in the San Joaquin Valley are the sea breeze and mountain-valley upslope and drainage flows. The sea breeze can accentuate the northwest wind flow, especially on summer afternoons. Nighttime drainage flows can accentuate the southeast movement of air down the San Joaquin Valley. In the mountains during periods of weak synoptic scale winds, winds tend to be upslope during the day and downslope at night. Nighttime and drainage flows are pronounced during the winter when flow from the easterly direction is enhanced by nighttime cooling in the Sierra Nevada. Eddies (a current of air that moves in a circular motion against the main current) can form in the valley wind flow and can recirculate a polluted air mass for an extended period.

## Temperature, Sunlight, and Ozone Production

Solar radiation and temperature are particularly important in the chemistry of ozone ($O_3$) formation. The SJVAB averages over 260 sunny days per year. Photochemical air pollution (primarily $O_3$) results from the atmospheric reactive organic gases (ROGs) and nitrogen dioxide ($NO_2$) under the influence of sunlight. $O_3$ concentrations are very dependent on the amount of solar radiation, especially during late spring, summer, and early fall. $O_3$ levels typically peak in the afternoon. After the sun goes down, the chemical reaction between nitrous oxide ($N_2O$) and $O_3$ begins to dominate. This reaction tends to reduce $O_3$ concentrations in metropolitan areas through the early morning hours. At sunrise, oxides of nitrogen ($NO_x$) tends to peak, partly due to low levels of $O_3$ at this time and also due to morning commuter vehicle emissions of $NO_x$.

Reaction rates generally increase with temperature, which results in greater $O_3$ production at higher temperatures. However, extremely hot temperatures can "lift" or "break" the inversion layer. Typically, if the inversion layer remains intact, $O_3$ levels peak in the late afternoon. If the inversion layer breaks and the resultant afternoon winds occur, $O_3$ levels peak in the early afternoon and decrease in the late afternoon as the contaminants are dispersed or transported out of the SJVAB. $O_3$ levels are low during winter periods, when there is much less sunlight to drive the photochemical reaction.

## Precipitation, Humidity, and Fog

Precipitation and fog can result in the reduction or increase in some pollutant concentrations. For instance, $O_3$ needs sunlight for its formation, and clouds and fog can block the required solar radiation. In addition, wet fogs can cleanse the air during winter as moisture collects on particles and deposits them on the ground. Fog with less moisture content, however, can contribute to the formation of secondary ammonium nitrate particulate matter.

The winds and unstable air conditions experienced during the passage of winter storms result in periods of low pollutant concentrations. Between winter storms, high pressure and light winds allow cold, moist air to pool on the San Joaquin Valley floor, resulting in strong low-level temperature inversions and very stable air conditions, which can lead to Tule fog. Wintertime conditions favorable to fog formation are also conditions favorable to high concentrations of particulate matter.

## 2.1.2 Pollutants and Effects

### 2.1.2.1 Criteria Air Pollutants

Criteria air pollutants are defined as pollutants for which federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. The federal and state standards have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or discomfort. Pollutants of concern include $O_3$, $NO_2$, carbon monoxide (CO), sulfur dioxide ($SO_2$), $PM_{10}$, particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. Reactive organic gases (ROGs; also referred to as volatile organic compounds [VOCs]),[1] and $NO_x$ are also important because they are precursors to $O_3$. These pollutants, as well as toxic air contaminants (TACs), are discussed in the following paragraphs.[2] In California, sulfates, vinyl chloride, hydrogen sulfide, and visibility-reducing particles are also regulated as criteria air pollutants.

**Ozone.** $O_3$ in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to $O_3$ at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, respiratory symptoms, worsening of lung disease leading to premature death, increased susceptibility to infections, inflammation of and damage to the lung tissue, and some immunological changes (EPA 2013; CARB 2019a). These health problems are particularly acute in sensitive receptors such as the sick, older adults, and young children.

Inhalation of $O_3$ causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms. Exposure to $O_3$ can reduce the volume of air that the lungs breathe in and cause shortness of breath. $O_3$ in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. The occurrence and severity of health effects from $O_3$ exposure vary widely among individuals, even when the dose and the duration of exposure are the same. Research shows adults and children who spend more time outdoors participating in vigorous physical activities are at greater risk from the harmful health effects of $O_3$ exposure. While there are relatively few studies of $O_3$'s effects on children, the available studies show that children are no more or less likely to suffer harmful effects than adults. However, there are a number of reasons why children may be more susceptible to $O_3$ and other pollutants. Children and teens spend nearly twice as much time outdoors and engaged in vigorous activities as adults. Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults. Also, children are less likely than adults to notice their own symptoms and avoid harmful exposures. Further research may be able to better distinguish between health effects in children and adults. Children, adolescents,

1 The SJVAPCD threshold is set for ROG. However, ROG and VOC are generally considered equivalent for CEQA analyses; as such, ROG and VOC are used interchangeably in this analysis.

2 The descriptions of each of the criteria air pollutants and associated health effects are based on the EPA's Criteria Air Pollutants (EPA 2016a) and the CARB Glossary of Air Pollution Terms (CARB 2016a).

and adults who exercise or work outdoors, where $O_3$ concentrations are the highest, are at the greatest risk of harm from this pollutant (CARB 2019a).

A number of population groups are potentially at increased risk for $O_3$ exposure effects. In the ongoing review of $O_3$, the EPA has identified certain populations as having adequate evidence for increased risk from $O_3$ exposures including individuals with asthma, younger and older age groups, individuals with reduced intake of certain nutrients such as Vitamins C and E, and outdoor workers. There is suggestive evidence for other potential factors, such as variations in genes related to oxidative metabolism or inflammation, gender, socioeconomic status, and obesity. However, further evidence is needed (SCAQMD 2017).

The adverse effects reported with short-term $O_3$ exposure are greater with increased activity because activity increases the breathing rate and the volume of air reaching the lungs, resulting in an increased amount of $O_3$ reaching the lungs. Children may be a particularly vulnerable population to air pollution effects because they spend more time outdoors, are generally more active, and have a higher specific ventilation relative to their body weight, compared to adults (SCAQMD 2017).

**Nitrogen Dioxide.** A large body of health science literature indicates that exposure to $NO_2$ can induce adverse health effects. The strongest health evidence, and the health basis for the Ambient Air Quality Standards for $NO_2$, is results from controlled human exposure studies that show that $NO_2$ exposure can intensify responses to allergens in allergic asthmatics. In addition, a number of epidemiological studies have demonstrated associations between $NO_2$ exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses. Infants and children are particularly at risk because they have disproportionately higher exposure to $NO_2$ than adults due to their higher breathing rate for their body weight and their typically greater outdoor exposure duration. Several studies have shown that long-term $NO_2$ exposure during childhood, the period of rapid lung growth, can lead to smaller lungs at maturity in children with higher levels of exposure as compared to those with lower levels of exposure. In addition, children with asthma have a greater degree of airway responsiveness compared with adult asthmatics. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB 2019b).

**Carbon Monoxide.** Carbon monoxide is harmful because it binds to hemoglobin in the blood, reducing the ability of blood to carry oxygen. This interferes with oxygen delivery to the body's organs. The most common effects of CO exposure are fatigue, headaches, confusion and reduced mental alertness, and dizziness due to inadequate oxygen delivery to the brain. For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies whose mothers experience high levels of CO exposure during pregnancy are at risk of adverse developmental effects. Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (CARB 2019c).

**Sulfur Dioxide.** $SO_2$ is an irritant gas that attacks the throat and lungs and can cause acute respiratory symptoms and diminished ventilator function in children. When combined with particulate matter (PM), $SO_2$ can injure lung tissue and reduce visibility and the level of sunlight. $SO_2$ can worsen asthma, resulting in increased symptoms, increased medication usage, and emergency room visits.

Controlled human exposure and epidemiological studies show that children and adults with asthma are more likely to experience adverse responses with $SO_2$ exposure, compared with the non-asthmatic population. Effects at levels near the 1-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath, and chest tightness, especially during exercise or physical activity. Also, exposure at elevated levels of $SO_2$ (above 1 part per million) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of mortality. The elderly and people with cardiovascular disease or chronic lung disease (such as bronchitis or emphysema) are most likely to experience these adverse effects (CARB 2019d).

$SO_2$ is of concern both because it is a direct respiratory irritant and because it contributes to the formation of sulfate and sulfuric acid in PM (NRC 2005). People with asthma are of particular concern, both because they have increased baseline airflow resistance and because their $SO_2$-induced increase in airflow resistance is greater than in healthy people; furthermore, their $SO_2$-induced airflow resistance increases with the severity of their asthma (NRC 2005). $SO_2$ is thought to induce airway constriction via neural reflexes involving irritant receptors in the airways (NRC 2005).

### Particulate Matter

A number of adverse health effects have been associated with exposure to both $PM_{2.5}$ and $PM_{10}$. For $PM_{2.5}$, short-term exposures (up to 24-hour duration) have been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In addition, of all of the common air pollutants, $PM_{2.5}$ is associated with the greatest proportion of adverse health effects related to air pollution, both in the United States and world-wide, based on the World Health Organization's Global Burden of Disease project. Short-term exposures to $PM_{10}$ have been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency room visits (CARB 2017a).

Long-term (months to years) exposure to $PM_{2.5}$ has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung-function growth in children. The effects of long-term exposure to $PM_{10}$ are less clear, although several studies suggest a link between long-term $PM_{10}$ exposure and respiratory mortality. The International Agency for Research on Cancer published a review in 2015 that concluded that PM in outdoor air pollution causes lung cancer (CARB 2017a).

People with influenza, people with chronic respiratory and cardiovascular diseases, and older adults may suffer worsening illness and premature death as a result of breathing PM. People with bronchitis can expect aggravated symptoms from breathing PM. Children may experience a decline in lung function due to breathing in $PM_{10}$ and $PM_{2.5}$ (EPA 2009).

PM encompasses a physically and chemically diverse class of ambient air pollutants of both anthropogenic and biological origin. The PM standard is the only National Ambient Air Quality Standard (NAAQS) that does not target a specific chemical or family of chemical species (NRC 2005). The range of human health effects associated with ambient PM levels or demonstrated in laboratory studies has expanded from earlier concerns for total mortality and respiratory morbidity to include cardiac mortality and morbidity, blood vessel constriction, stroke, premature birth,

low birth weight, retarded lung growth, enhancement of allergic responses, reduced resistance to infection, degenerative lesions in the brain, and lung cancer (EPA 2004).

**Lead.** Lead in the atmosphere occurs as PM. Sources of lead include leaded gasoline; the manufacturing of batteries, paints, ink, ceramics, and ammunition; and secondary lead smelters. Prior to 1978, mobile emissions were the primary source of atmospheric lead. Between 1978 and 1987, the phaseout of leaded gasoline reduced the overall inventory of airborne lead by nearly 95%. With the phaseout of leaded gasoline, secondary lead smelters, battery recycling, and manufacturing facilities are becoming lead-emissions sources of greater concern.

Prolonged exposure to atmospheric lead poses a serious threat to human health. Health effects associated with exposure to lead include gastrointestinal disturbances, anemia, kidney disease, and, in severe cases, neuromuscular and neurological dysfunction. Of particular concern are low-level lead exposures during infancy and childhood. Such exposures are associated with decrements in neurobehavioral performance, including intelligence quotient performance, psychomotor performance, reaction time, and growth. Children are highly susceptible to the effects of lead.

**Reactive Organic Gases.** Hydrocarbons are organic gases that are formed from hydrogen and carbon and sometimes other elements. Hydrocarbons that contribute to formation of $O_3$ are referred to and regulated as ROGs (also referred to as VOCs). Combustion engine exhaust, oil refineries, and fossil-fueled power plants are the sources of hydrocarbons. Other sources of hydrocarbons include evaporation from petroleum fuels, solvents, dry cleaning solutions, and paint.

The primary health effects of ROGs result from the formation of $O_3$ and its related health effects. High levels of ROGs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs. There are no separate health standards for ROGs as a group.

#### 2.1.2.2 Noncriteria Air Pollutants

**Toxic Air Contaminants.** A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute and/or chronic noncancerous health effects. A toxic substance released into the air is considered a TAC. TACs are identified by federal and state agencies based on a review of available scientific evidence. In the State of California, TACs are identified through a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of risk identification and risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics "Hot Spots" Information and Assessment Act, Assembly Bill (AB) 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs into the atmosphere. The law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years.

Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as automobiles; and area sources such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic

effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced due to either short-term (acute) or long-term (chronic) exposure to a given TAC.

**Diesel Particulate Matter.** Diesel particulate matter (DPM) is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is composed of two phases, gas and particle, both of which contribute to health risks. More than 90% of DPM is less than 1 micrometer in diameter (about 1/70th the diameter of a human hair), and thus is a subset of PM2.5 (CARB 2016b). DPM is typically composed of carbon particles ("soot," also called black carbon, or BC) and numerous organic compounds, including over 40 known cancer-causing organic substances. Examples of these chemicals include polycyclic aromatic hydrocarbons, benzene, formaldehyde, acetaldehyde, acrolein, and 1,3-butadiene (CARB 2016b). The California Air Resources Board (CARB) classified "particulate emissions from diesel-fueled engines" (i.e., DPM; 17 CCR 93000) as a TAC in August 1998. DPM is emitted from a broad range of diesel engines: on-road diesel engines of trucks, buses, and cars, and off-road diesel engines, including locomotives, marine vessels, and heavy-duty construction equipment, among others. Approximately 70% of all airborne cancer risk in California is associated with DPM (CARB 2000). To reduce the cancer risk associated with DPM, CARB adopted a diesel risk-reduction plan in 2000 (CARB 2000). Because it is part of PM2.5, DPM also contributes to the same noncancerous health effects as PM2.5 exposure. These effects include premature death; hospitalizations and emergency room visits for exacerbated chronic heart and lung disease, including asthma; increased respiratory symptoms; and decreased lung function in children. Several studies suggest that exposure to DPM may also facilitate development of new allergies (CARB 2016b). Those most vulnerable to noncancerous health effects are children whose lungs are still developing and the elderly, who often have chronic health problems.

**Odorous Compounds.** Odors are generally regarded as an annoyance rather than a health hazard. Manifestations of a person's reaction to odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting, and headache). The ability to detect odors varies considerably among the population and overall is subjective. People may have different reactions to the same odor. An odor that is offensive to one person may be perfectly acceptable to another (e.g., coffee roaster). An unfamiliar odor is more easily detected and is more likely to cause complaints than a familiar one. Known as odor fatigue, a person can become desensitized to almost any odor, and recognition may only occur with an alteration in the intensity. The occurrence and severity of odor impacts depend on the nature, frequency, and intensity of the source; wind speed and direction; and the sensitivity of receptors.

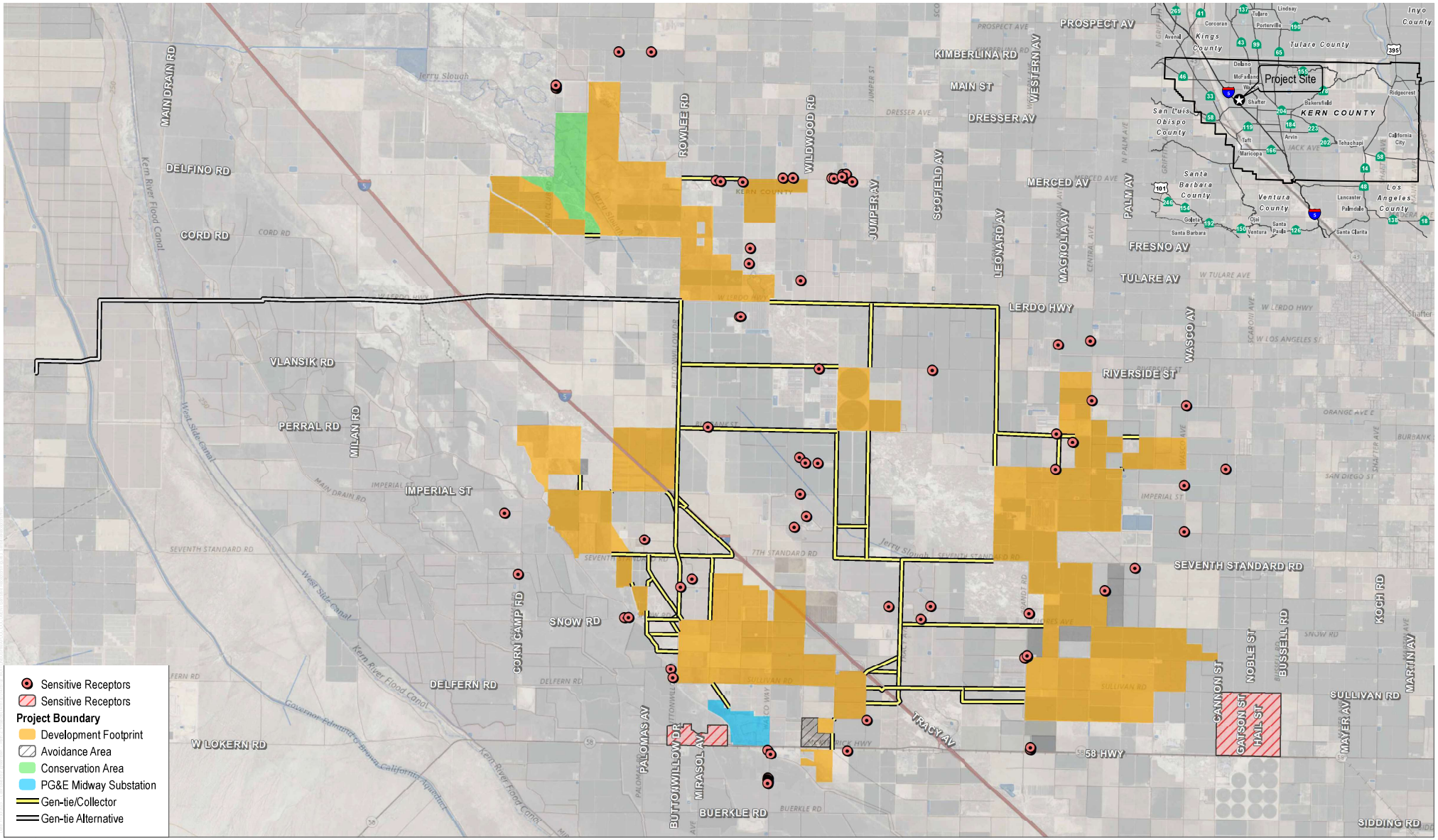
**Valley Fever.** Coccidioidomycosis, more commonly known as "valley fever," is an infection caused by inhalation of the spores of the *Coccidioides immitis* fungus, which grows in the soils of the southwestern United States. When fungal spores are present, any activity that disturbs the soil, such as digging, grading, or other earth-moving operations, can cause the spores to become airborne and thereby increase the risk of exposure. The ecologic factors that appear to be most conducive to survival and replication of the spores are high summer temperatures, mild winters, sparse rainfall, and alkaline sandy soils.

The fungus is very prevalent in the soils of California's San Joaquin Valley. Per the California Department of Public Health, the range over 7 years (2015–2021) for coccidioidomycosis cases in the County is 123–372 cases per 100,000 people per year. Statewide incidences in 2021 were 306 per 100,000 people (CDPH 2023). As such, it is considered highly endemic to the County.

The project would be required to comply with Rule 8021, Section 6.3, which would require the project to develop, prepare, submit, obtain approval of, and implement a dust control plan.

### 2.1.3 Sensitive Receptors

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air pollution-sensitive people live or spend considerable amounts of time are known as sensitive receptors. Land uses where air pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (CARB 2005). The SJVAPCD identifies sensitive receptors as facilities that house or attract children, the elderly, and people with illnesses; hospitals; schools; convalescent facilities; and residential areas (SJVAPCD 2000). The closest off-site sensitive receptor to the project site includes a residence located within 50 feet of the project site. Figure 3 shows the location of the sensitive receptor locations proximate to the project site.




SOURCE: USGS National Map 2022; Bing Maps 2022; Kern County 2022

DUDEK

0 1 2 Miles

**FIGURE 3**

Sensitive Receptors

Buttonbush Solar Energy Project

INTENTIONALLY LEFT BLANK.

# 2.2 Regulatory Setting

## 2.2.1 Federal Regulations

### 2.2.1.1 Criteria Air Pollutants

The federal Clean Air Act, passed in 1970 and last amended in 1990, forms the basis for the national air pollution control effort. The EPA is responsible for implementing most aspects of the Clean Air Act, including setting NAAQS for major air pollutants; setting hazardous air pollutant (HAP) standards; approving state attainment plans; setting motor vehicle emission standards; issuing stationary source emission standards and permits; and establishing acid rain control measures, stratospheric $O_3$ protection measures, and enforcement provisions. Under the Clean Air Act, NAAQS are established for the following criteria pollutants: $O_3$, CO, $NO_2$, $SO_2$, $PM_{10}$, $PM_{2.5}$, and lead.

The NAAQS describe acceptable air quality conditions designed to protect the health and welfare of the citizens of the nation. The NAAQS (other than for $O_3$, $NO_2$, $SO_2$, $PM_{10}$, $PM_{2.5}$, and those based on annual averages or arithmetic mean) are not to be exceeded more than once per year. NAAQS for $O_3$, $NO_2$, $SO_2$, $PM_{10}$, and $PM_{2.5}$ are based on statistical calculations over 1- to 3-year periods, depending on the pollutant. The Clean Air Act requires the EPA to reassess the NAAQS at least every 5 years to determine whether adopted standards are adequate to protect public health based on current scientific evidence. States with areas that exceed the NAAQS must prepare a state implementation plan that demonstrates how those areas will attain the NAAQS within mandated time frames.

### 2.2.1.2 Hazardous Air Pollutants

The 1977 federal Clean Air Act amendments required the EPA to identify National Emission Standards for HAPs to protect public health and welfare. HAPs include certain volatile organic chemicals, pesticides, herbicides, and radionuclides that present a tangible hazard, based on scientific studies of exposure to humans and other mammals. Under the 1990 federal Clean Air Act Amendments, which expanded the control program for HAPs, 187 substances and chemical families were identified as HAPs.

## 2.2.2 State Regulations

### 2.2.2.1 Criteria Air Pollutants

The federal Clean Air Act delegates the regulation of air pollution control and the enforcement of the NAAQS to the states. In California, the task of air quality management and regulation has been legislatively granted to CARB, with subsidiary responsibilities assigned to air quality management districts and air pollution control districts at the regional and county levels. CARB, which became part of the California Environmental Protection Agency in 1991, is responsible for ensuring implementation of the California Clean Air Act of 1988, responding to the federal Clean Air Act, and regulating emissions from motor vehicles and consumer products.

CARB has established CAAQS, which are generally more restrictive than the NAAQS. As stated previously, an ambient air quality standard defines the maximum amount of a pollutant averaged over a specified period of time that can be present in outdoor air without harm to the public's health. For each pollutant, concentrations must be below the relevant CAAQS before a basin can attain the corresponding CAAQS. Air quality is considered “in attainment” if pollutant levels are continuously below the CAAQS and violate the standards no more than once each year. The

CAAQS for $O_3$, CO, $SO_2$ (1-hour and 24-hour), $NO_2$, $PM_{10}$, $PM_{2.5}$, and visibility-reducing particles are values that are not to be exceeded.

The SJVAPCD has based their thresholds of significance for CEQA purposes on the levels that scientific and factual data demonstrate that the air basin can accommodate without affecting the attainment date for the NAAQS or CAAQS. Since an ambient air quality standard is based on maximum pollutant levels in outdoor air that would not harm the public's health, and air district thresholds pertain to attainment of the ambient air quality standard, this means that the thresholds established by air districts are also protective of human health. All others are not to be equaled or exceeded. The NAAQS and CAAQS are presented in Table 1.

## Table 1. Ambient Air Quality Standards

| Pollutant | Averaging Time | California Standards[a] | National Standards[b] | |
|---|---|---|---|---|
| | | Concentration[c] | Primary[c,d] | |
| $O_3$ | 1 hour | 0.09 ppm (180 µg/m³) | ND | Same as Primary Standard[f] |
| | 8 hours | 0.070 ppm (137 µg/m³) | 0.070 ppm (137 µg/m³)[f] | |
| $NO_2$[g] | 1 hour | 0.18 ppm (339 µg/m³) | 0.100 ppm (188 µg/m³) | Same as Primary Standard |
| | Annual Arithmetic Mean | 0.030 ppm (57 µg/m³) | 0.053 ppm (100 µg/m³) | |
| CO | 1 hour | 20 ppm (23 mg/m³) | 35 ppm (40 mg/m³) | None |
| | 8 hours | 9.0 ppm (10 mg/m³) | 9 ppm (10 mg/m³) | |
| $SO_2$[h] | 1 hour | 0.25 ppm (655 µg/m³) | 0.075 ppm (196 µg/m³) | ND |
| | 3 hours | ND | ND | 0.5 ppm (1,300 µg/m³) |
| | 24 hours | 0.04 ppm (105 µg/m³) | 0.14 ppm (for certain areas)[g] | ND |
| | Annual | ND | 0.030 ppm (for certain areas)[g] | ND |
| $PM_{10}$[i] | 24 hours | 50 µg/m³ | 150 µg/m³ | Same as Primary Standard |
| | Annual Arithmetic Mean | 20 µg/m³ | ND | |
| $PM_{2.5}$[i] | 24 hours | ND | 35 µg/m³ | Same as Primary Standard |
| | Annual Arithmetic Mean | 12 µg/m³ | 9.0 µg/m³ | 15.0 µg/m³ |
| Lead[j,k] | 30-Day Average | 1.5 µg/m³ | ND | ND |
| | Calendar Quarter | ND | 1.5 µg/m³ (for certain areas)[k] | Same as Primary Standard |
| | Rolling 3-Month Average | ND | 0.15 µg/m³ | |
| Hydrogen sulfide | 1 hour | 0.03 ppm (42 µg/m³) | ND | ND |
| Vinyl chloride[j] | 24 hours | 0.01 ppm (26 µg/m³) | ND | ND |
| Sulfates | 24 hours | 25 µg/m³ | ND | ND |
| Visibility-reducing particles | 8 hours (10:00 a.m. to 6:00 p.m. PST) | Insufficient amount to produce an extinction coefficient of 0.23 per kilometer due to the number of particles when the relative humidity is less than 70% | ND | ND |

**Source:** CARB 2016c.

**Notes:** µg/m³ = micrograms per cubic meter; mg/m³= milligrams per cubic meter; ppm = parts per million by volume; ND = insufficient data to determine the value; $O_3$ = ozone; $NO_2$ = nitrogen dioxide; CO = carbon monoxide; $SO_2$ = sulfur dioxide; $PM_{10}$ = particulate matter with an aerodynamic diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns.

[a] California standards for $O_3$, CO, $SO_2$ (1-hour and 24-hour), $NO_2$, suspended particulate matter ($PM_{10}$, $PM_{2.5}$), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

[b] National standards (other than $O_3$, $NO_2$, $SO_2$, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The $O_3$ standard is attained when the fourth-highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For $PM_{10}$, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than 1. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

[c] Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

[d] National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

[e] National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[f] On October 1, 2015, the national 8-hour $O_3$ primary and secondary standards were lowered from 0.075 to 0.070 ppm.

[g] To attain the national 1-hour standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb. California standards are in units of ppm. To directly compare the national 1-hour standard to the California standards, the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

[h] On June 2, 2010, a new 1-hour $SO_2$ standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 $SO_2$ national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

[i] On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 µg/m³ to 12.0 µg/m³. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour $PM_{10}$ standards (primary and secondary) of 150 µg/m³ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

[j] CARB has identified lead and vinyl chloride as TACs with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[k] The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 µg/m³ as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

#### 2.2.2.2 Toxic Air Contaminants

The state Air Toxics Program was established in 1983 under Assembly Bill (AB) 1807 (Tanner). The California TAC list identifies more than 700 pollutants, of which carcinogenic and noncarcinogenic toxicity criteria have been established for a subset of these pollutants pursuant to the California Health and Safety Code. In accordance with AB 2728, the state list includes the (federal) HAPs. In 1987, the state legislature enacted the Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) to address public concern over the release of TACs into the atmosphere. AB 2588 law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years. TAC emissions from individual facilities are quantified and prioritized. "High-priority" facilities are required to perform a health risk assessment (HRA), and if specific thresholds are exceeded, the facility operator is required to communicate the results to the public in the form of notices and public meetings.

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines (CARB 2000). The regulation is anticipated to result in an 80% decrease in statewide diesel health risk in 2020 compared with the diesel risk in 2000. Additional regulations apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, the On-Road Heavy Duty (New) Vehicle Program, the In-Use Off-Road Diesel Vehicle Regulation, and the New Off-Road Compression-Ignition (Diesel) Engines and Equipment Program. These regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel-powered equipment. There are several Airborne Toxic Control Measures that reduce diesel emissions, including In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.) and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

##### California Health and Safety Code Section 41700

Section 41700 of the California Health and Safety Code states that a person shall not discharge from any source whatsoever quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public; or that endanger the comfort, repose, health, or safety of any of those persons or the public; or that cause, or have a natural tendency to cause, injury or damage to business or property. This section also applies to sources of objectionable odors.

##### Safety Training on Valley Fever Assembly Bill 203

AB 203 adds Section 6709 to the Labor Code and requires employers to provide effective Valley Fever awareness and prevention training for all construction employees at risk of prolonged exposure to dust in Fresno, Kern, Kings, Madera, Merced, Monterey, San Joaquin, San Luis Obispo, Santa Barbara, Tulare, and Ventura Counties by May 1, 2020, annually by that date thereafter, and again before an employee begins work that is reasonably anticipated to cause exposure to substantial dust disturbance.

## 2.2.3 Local Regulations

### 2.2.3.1 San Joaquin Valley Air Pollution Control District

The SJVAPCD is the regional agency responsible for the regulation and enforcement of federal, state, and local air pollution control regulations in the SJVAB. The SJVAPCD jurisdiction includes all of Merced, San Joaquin, Stanislaus, Madera, Fresno, Kings, and Tulare Counties, and the San Joaquin Valley portion of the County.

#### Air Quality Plans

The SJVAPCD has prepared several air quality attainment plans to achieve the $O_3$ and particulate matter standards, the most recent of which include the 2020 Reasonably Available Control Technology Demonstration for the 2015 8-Hour Ozone Standard (SJVAPCD 2020a); 2016 Plan for the 2008 8-Hour Ozone Standard (SJVAPCD 2016a); 2014 Reasonably Available Control Technology Demonstration for the 8-Hour Ozone State Implementation Plan (SJVAPCD 2014a); 2013 Plan for the Revoked 1-Hour Ozone Standard (SJVAPCD 2013); 2007 $PM_{10}$ Maintenance Plan and Request for Redesignation (SJVAPCD 2007a); 2012 $PM_{2.5}$ Plan (SJVAPCD 2012); 2015 Plan for the 1997 $PM_{2.5}$ Standard (SJVAPCD 2015b); 2016 Moderate Area Plan for the 2012 $PM_{2.5}$ Standard (SJVAPCD 2016b); the 2018 Plan for the 1997, 2006, and 2012 $PM_{2.5}$ Standards (SJVAPCD 2020b); and the 2022 Plan for the 2015 8-Hour Ozone Standard (SJVAPCD 2022). The following sections summarize key elements of these and other recent air quality attainment plans.

##### Extreme 1-Hour Ozone Attainment Demonstration Plan

The Extreme 1-Hour Ozone Attainment Demonstration Plan, adopted by the SJVAPCD Governing Board October 8, 2004, sets forth measures and emission-reduction strategies designed to attain the federal 1-hour $O_3$ standard by November 15, 2010, as well as an emissions inventory, outreach, and rate of progress demonstration. This plan was approved by the EPA on March 8, 2010; however, the EPA's approval was subsequently withdrawn effective November 26, 2012, in response to a decision issued by the U.S. Court of Appeals for the Ninth Circuit (*Sierra Club v. EPA*, 671 F.3d 955) remanding EPA's approval of these State Implementation Plan (SIP) revisions. Concurrent with the EPA's final rule, CARB withdrew the 2004 plan. The SJVAPCD developed a new plan for the 1-hour $O_3$ standard, the 2013 Plan for the Revoked 1-Hour Ozone Standard, which it adopted in September 2013.

##### 2007 8-Hour Ozone Plan

The 2007 8-Hour Ozone Plan, adopted by the Governing Board on April 30, 2007, sets forth measures and a "dual path" strategy to attain the federal 1997 8-hour $O_3$ standard by 2023 for the SJVAB by reducing emissions of $O_3$ and particulate matter precursors (SJVAPCD 2007b). The plan also includes provisions for improved pollution control technologies for mobile and stationary sources, as well as an increase in state and federal funding for incentive-based measures to reduce emissions. All local measures would be adopted by the SJVAPCD before 2012. This plan was approved by the EPA on April 30, 2012. On November 26, 2012, however, the EPA withdrew its determination that the plan satisfied the federal Clean Air Act requirements regarding emissions growth caused by growth in vehicle miles traveled (VMT). All other determinations in the EPA's March 1, 2012, rule approving the plan remain unchanged and in effect. The SJVAPCD is currently in the process of developing an $O_3$ plan to address EPA's 2008 8-hour $O_3$ standard, with attainment required by 2032.

### 2009 Reasonably Available Control Technology State Implementation Plan

On April 16, 2009, the Governing Board adopted the Reasonably Available Control Technology Demonstration for Ozone State Implementation Plans (2009 RACT SIP) (SJVAPCD 2009a). In part, the 2009 RACT SIP satisfied the commitment by the SJVAPCD for a new RACT analysis for the 1-hour $O_3$ plan (see discussion of the EPA withdrawal of approval in the Extreme 1-Hour Ozone Attainment Demonstration Plan summary above) and was intended to prevent all sanctions that could be imposed by EPA for failure to submit a required SIP revision for the 1-hour $O_3$ standard. With respect to the 8-hour standard, the plan also assesses the SJVAPCD's rules based on the adjusted major source definition of 10 tons per year (due to the SJVAB's designation as an extreme $O_3$ nonattainment area), evaluates SJVAPCD rules against new Control Techniques Guidelines promulgated since August 2006, and reviews additional rules and rule amendments that had been adopted by the Governing Board since August 17, 2006, for RACT consistency.

### 2013 Plan for the Revoked 1-Hour Ozone Standard

The SJVAPCD developed a plan for EPA's revoked 1-hour $O_3$ standard after the EPA withdrew its approval of the 2004 Extreme 1-Hour Ozone Attainment Demonstration Plan as a result of litigation. As a result of the litigation, the EPA reinstated previously revoked requirements for 1-hour $O_3$ attainment plans. The 2013 plan addresses those requirements, including a demonstration of implementation of Reasonably Available Control Measures and a demonstration of a rate of progress averaging 3% annual reductions of ROG or $NO_x$ emissions every 3 years. The 2013 Plan for the Revoked 1-Hour Ozone Standard was approved by the Governing Board on September 19, 2013 (SJVAPCD 2013). Based on implementation of the ongoing control measures, preliminary modeling indicates that the SJVAB will attain the 1-hour $O_3$ standard by 2017, before the final attainment year of 2022 and without relying on long-term measures under the federal Clean Air Act Section 182(e)(5) ("black box reductions").

### 2014 Reasonably Available Control Technology State Implementation Plan

On June 19, 2014, the Governing Board adopted the 2014 Reasonably Available Control Technology Demonstration for the 8-Hour Ozone State Implementation Plan (2014 RACT SIP) (SJVAPCD 2014a). This RACT SIP includes a demonstration that the SJVAPCD rules implement RACT. The plan reviews each of the $NO_x$ reduction rules and concludes that they satisfy requirements for stringency, applicability, and enforceability, and meet or exceed RACT. The plan's analysis of further ROG reductions through modeling and technical analyses demonstrates that added ROG reductions will not advance SJVAB's $O_3$ attainment. Each ROG (i.e., VOC) rule evaluated in the 2009 RACT SIP, however, has been subsequently approved by the EPA as meeting RACT within the last 2 years. The $O_3$ attainment strategy, therefore, focuses on further $NO_x$ reductions.

### San Joaquin Valley Air Pollution Control District 2016 Plan for the 2008 8-Hour Ozone Standard

The SJVAPCD adopted the 2016 Plan for the 2008 8-Hour Ozone Standard in June 2016. This plan demonstrates the practicable and expeditious attainment of the 75 parts per billion 8-hour $O_3$ standard.

### San Joaquin Valley Air Pollution Control District 2016 Moderate Area Plan for the 2012 PM2.5 Standard

The SJVAPCD adopted the 2016 Moderate Area Plan for the 2012 $PM_{2.5}$ Standard on September 15, 2016. This plan addresses the EPA federal annual $PM_{2.5}$ standard of 12 micrograms per cubic meter ($\mu g/m^3$), established in

2012. This plan includes an attainment impracticability demonstration and request for reclassification of the SJVAB from moderate nonattainment to serious nonattainment.

### San Joaquin Valley Air Pollution Control District 2018 Plan for the 1997, 2006, and 2012 PM2.5 Standards

The SJVAPCD adopted the 2018 Plan for the 1997, 2006, and 2012 $PM_{2.5}$ Standards on November 15, 2018. This plan addresses the EPA federal 1997 annual $PM_{2.5}$ standard of 15 µg/m$^3$ and 24-hour $PM_{2.5}$ standard of 65 µg/m$^3$; the 2006 24-hour $PM_{2.5}$ standard of 35 µg/m$^3$; and the 2012 annual $PM_{2.5}$ standard of 12 µg/m$^3$. This plan demonstrates attainment of the federal $PM_{2.5}$ standards as expeditiously as practicable.

### 2020 Reasonably Available Control Technology Demonstration

The SJVAPCD adopted the 2020 RACT Demonstration for the 2015 8-Hour Ozone Standard on June 18, 2020. The San Joaquin Valley is classified as an extreme nonattainment area for the 2015 $O_3$ standard. The 2020 RACT Demonstration includes a comprehensive evaluation of all NOx and ROG SJVAPCD rules to ensure that each rule meets or exceeds RACT. The 2020 RACT Demonstration fulfills federal Clean Air Act requirements and demonstrates that all federal RACT requirements continue to be satisfied in the San Joaquin Valley.

### 2022 Plan for the 2015 8-Hour Ozone Standard

The SJVAPCD adopted the 2022 Plan for the 2015 8-Hour Ozone Standard on December 15, 2022. The plan satisfies Clean Air Act requirements and prioritizes attainment of the 70 parts per billion 8-hour $O_3$ standard.

## Particulate Matter Attainment Plans

### 2007 $PM_{10}$ Maintenance Plan and Request for Redesignation

On September 20, 2007, the Governing Board approved the 2007 $PM_{10}$ Maintenance Plan and Request for Redesignation (SJVAPCD 2007a). After achieving compliance with the annual and 24-hour NAAQS for $PM_{10}$ during the period from 2003 to 2006,[3] the SJVAPCD prepared the 2007 $PM_{10}$ Maintenance Plan and Request for Redesignation. The plan includes future emission estimates through 2020 and, based on modeling, projects that SJVAB will continue to attain the $PM_{10}$ NAAQS through 2020. The plan does not call for adoption of new control measures. Measures called for in the 2007 8-Hour Ozone Plan and 2008 $PM_{2.5}$ Plan (discussed below) will also produce $PM_{10}$ benefits; however, the plan does include a contingency plan if future $PM_{10}$ levels were to exceed the NAAQS. It also includes a request that the EPA redesignate the SJVAB to attainment status for the $PM_{10}$ NAAQS. On October 25, 2007, CARB approved the SJVAPCD's plan with modifications to the transportation conformity budgets. On September 25, 2008, the EPA redesignated the SJVAB to attainment for the $PM_{10}$ NAAQS and approved the $PM_{10}$ maintenance plan.

### 2008 $PM_{2.5}$ Plan

The SJVAPCD Governing Board adopted the 2008 $PM_{2.5}$ Plan on April 30, 2008 (SJVAPCD 2008). This plan is designed to assist the SJVAB in attaining all $PM_{2.5}$ standards, including the 1997 federal standards, the 2006

[3] Attainment is achieved if the 3-year annual average $PM_{10}$ concentration is less than or equal to 50 µg/m$^3$ and the expected 24-hour exceedance days is less than or equal to 1.0.

federal standards, and the state standard, as soon as possible. On July 13, 2011, the EPA issued a proposed rule partially approving and disapproving the 2008 $PM_{2.5}$ Plan. Subsequently, on November 9, 2011, the EPA issued a final rule approving most of the plan with an effective date of January 9, 2012. However, the EPA disapproved the plan's contingency measures because they would not provide sufficient emissions reductions.

### 2012 $PM_{2.5}$ Plan

Approved by the Governing Board on December 20, 2012, the 2012 $PM_{2.5}$ Plan addresses attainment of EPA's 24-hour $PM_{2.5}$ standard of 35 µg/m$^3$, established in 2006. In addition to reducing direct emissions of $PM_{2.5}$, this plan focuses on reducing emissions of $NO_x$, which is a predominant pollutant in the formation of $PM_{2.5}$ in the SJVAB. The plan relies on a multilevel approach to reducing emissions through SJVAPCD efforts (industry, the general public, employers, and small businesses) and state/federal efforts (passenger vehicles, heavy-duty trucks, and off-road sources), as well as SJVAPCD and state/federal incentive programs to accelerate replacement of on- and off-road vehicles and equipment. Through compliance with this attainment plan, the SJVAB would achieve attainment of the federal $PM_{2.5}$ standard by the attainment deadline of 2019, with the majority of the SJVAB actually experiencing attainment well before the deadline. The EPA lowered the $PM_{2.5}$ standard again in 2012 and is in the process of completing attainment designations.

### 2015 Plan for the 1997 $PM_{2.5}$ Standard

The Governing Board adopted the 2015 Plan for the 1997 $PM_{2.5}$ Standard on April 16, 2015 (SJVAPCD 2015b). This plan addresses the EPA's annual $PM_{2.5}$ standard of 15 µg/m$^3$ and 24-hour $PM_{2.5}$ standard of 65 µg/m$^3$ established in 1997. While nearly achieving the 1997 standards, the SJVAB experienced higher $PM_{2.5}$ levels in winter 2013–2014 due to the extreme drought, stagnation, strong inversions, and historically dry conditions; thus, the SJVAPCD was unable to meet the attainment date of December 31, 2015. Accordingly, this plan also contains a request for a one-time extension of the attainment deadline for the 24-hour standard to 2018 and the annual standard to 2020. The plan builds on past development and implementation of effective control strategies. Consistent with EPA regulations for $PM_{2.5}$ plans to achieve the 1997 standards, the plan contains Most Stringent Measures, Best Available Control Measures, additional enforceable commitments for further reductions in emissions, and ensures expeditious attainment of the 1997 standard.

### 2016 Moderate Area Plan for the 2012 $PM_{2.5}$ Standard

On September 15, 2016, the Governing Board adopted the 2016 Moderate Area Plan for the 2012 $PM_{2.5}$ Standard (SJVAPCD 2016b). This plan addresses the federal mandates for areas classified as "moderate nonattainment" for the 2012 $PM_{2.5}$ NAAQS of 12 µg/m$^3$. Consistent with EPA's $PM_{2.5}$ Implementation Rule, the plan satisfies the mandate to submit a moderate nonattainment plan to EPA by October 2016, demonstrates impracticability of attaining the 2012 $PM_{2.5}$ standard by the moderate nonattainment deadline of 2021, includes a request to reclassify the San Joaquin Valley to a "serious nonattainment" area for the 2012 PM2.5 standard, satisfies all federal Clean Air Act requirements for moderate nonattainment areas, and demonstrates that emissions are continuing to be reduced in the San Joaquin Valley.

### 2023 Particulate Matter Plan

The SJVAPCD is in the process of developing an attainment strategy to develop an updated plan for the the 2012 $PM_{2.5}$ standards, and to submit required components by the June and December 2023 deadlines.

### Senate Bill 656 Particulate Matter Control Measure Implementation Schedule

Senate Bill (SB) 656 was enacted in 2003 and codified as California Health and Safety Code Section 39614. SB 656 seeks to reduce exposure to $PM_{10}$ and $PM_{2.5}$ and to make further progress toward attainment of the NAAQS and CAAQS for $PM_{10}$ and $PM_{2.5}$. SB 656 required CARB, in consultation with local air districts, to develop and adopt lists of "the most readily available, feasible, and cost-effective" particulate matter control measures. Subsequently, the air districts were required to adopt implementation schedules for the relevant control measures in their district. In June 2005, the SJVAPCD adopted its SB 656 Particulate Matter Control Measure Implementation Schedule. The SJVAPCD analysis of the CARB list concluded that all but one of the measures that apply to SJVAPCD sources had been implemented or were in one of the SJVAPCD's attainment plans for adoption within the next 2 years. The remaining measure pertains to a future amendment of a rule for gasoline transfer into stationary storage containers, delivery vessels, and bulk plants.

## Applicable Rules

The SJVAPCD's primary means of implementing air quality plans is by adopting and enforcing rules and regulations. Stationary sources within the jurisdiction are regulated by the SJVAPCD's permit authority over such sources and through its review and planning activities. Unlike stationary source projects, which encompass very specific types of equipment, process parameters, throughputs, and controls, air emissions sources from land use development projects are mainly mobile sources (traffic) and area sources (small dispersed stationary and other nonmobile sources), including exempt (i.e., no permit required) sources such as consumer products, landscaping equipment, furnaces, and water heaters. Mixed-use land development projects may include nonexempt sources, including devices such as small to large boilers, stationary internal combustion engines, gas stations, or asphalt batch plants.

Notwithstanding nonexempt stationary sources, which would be permitted on a case-by-case basis, SJVAPCD Regulations VIII and IX generally apply to land use development projects and are described below:

### Regulation IV – Prohibitions

- **Rule 4102: Nuisance** – Prohibits discharge of air contaminants or other materials from any source that causes injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public or that endanger the comfort, repose, health, or safety of any such person or the public or that causes or has a natural tendency to cause injury or damage to business or property.
- **Rule 4601: Architectural Coatings** – The purpose of the rule is to limit VOC emissions from architectural coatings. This rule specifies architectural coatings storage, cleanup, and labeling requirements.
- **Rule 4641: Cutback, Slow Cure, and Emulsified Asphalt, Paving and Maintenance Operations** – The purpose of this rule is to limit VOC emissions by restricting the application and manufacturing of certain types of asphalt for paving and maintenance operations.

### Regulation VIII – Fugitive $PM_{10}$ Prohibition

- **Rule 8021: Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities** – The purpose of this rule is to limit fugitive dust emissions from construction, demolition, excavation, extraction, and other earthmoving activities. The rule outlines dust control plan requirements for certain applicable construction activities.

- **Rule 8031: Bulk Materials** – The purpose of the rule is to limit fugitive dust emissions from the outdoor handling, storage, and transport of bulk materials.
- **Rule 8041: Carryout and Trackout** – The purpose of this rule is to prevent or limit fugitive dust emissions from carryout and trackout.
- **Rule 8051: Open Areas** – The purpose of this rule is to limit fugitive dust emissions from open areas.
- **Rule 8061: Paved and Unpaved Roads** – The purpose of this rule is to limit fugitive dust emissions from paved and unpaved roads by implementing control measures and design criteria.
- **Rule 8071: Unpaved Vehicle/Equipment Traffic Areas** – The purpose of this rule is to limit fugitive dust emissions from unpaved vehicle and equipment traffic areas.

Pursuant to Rule 8021, Section 6.3, the project would be required to develop, prepare, submit, obtain approval of, and implement a dust control plan, which would reduce fugitive dust impacts to less than significant during project construction.

### Regulation IX – Mobile and Indirect Sources

- **Rule 9110: General Conformity** – The rule specifies the criteria and procedures for determining the conformity of federal actions with the San Joaquin Valley Unified Air Pollution Control District's air quality implementation plan.
- **Rule 9120: Transportation Conformity** – The rule sets forth the principles for determining conformity of transportation plans, programs, and projects that are developed, funded, or approved by the U.S. Department of Transportation and by metropolitan planning organizations (MPOs) or other recipients of funds under Title 23 U.S.C. or the Federal Transit Act. The rule sets forth policy, criteria, and procedures for demonstrating and assuring conformity of such activities to an applicable implementation plan developed pursuant to the Clean Air Act.
- **Rule 9410: Employer-Based Trip Reduction** – The purpose of this rule is to reduce VMT from private vehicles used by employees to commute to and from their worksites to reduce emissions of $NO_x$, VOCs, and particulate matter.
- **Rule 9510: Indirect Source Review** – The purpose of this rule is to fulfill SJVAPCD's emission reduction commitments in the $PM_{10}$ and Ozone Attainment Plans, achieve emission reductions from the construction and use of development projects through design features and on-site measures, and provide a mechanism for reducing emissions from the construction of and use of development projects through off-site measures.
- **Rule 9610: State Implementation Plan Credit for Emission Reductions Generated through Incentive Programs** – The purpose of this rule is to provide an administrative mechanism for SJVAPCD to achieve credit towards State Implementation Plan requirements for emission reductions achieved in the SJVAB through incentive programs administered by the District, U.S. Department of Agriculture Natural Resources Conservation Service, or CARB.

### Rule 9510: Indirect Source Review

The Indirect Source Review (ISR) rule, which was adopted December 15, 2005, and went into effect March 1, 2006, requires developers of new residential, commercial, and some industrial projects to reduce $NO_x$ and $PM_{10}$ emissions generated by their projects. Pursuant to Rule 9510, the purpose of the ISR program is to reduce emissions of $NO_x$ and $PM_{10}$ from new land development projects. In general, development contributes to air pollution in the SJVAB by

increasing the number of vehicles and VMT. ISR applies to development projects that require discretionary approval from the lead agency. The ISR rule also applies to transportation and transit projects whose construction exhaust emissions would equal or exceed 2 tons per year of $NO_x$ or $PM_{10}$. The ISR rule requires submittal of an air impact assessment application no later than the date on which application is made for a final discretionary approval from the public agency. The air impact assessment contains the information necessary to calculate both construction and operational emissions of a development project.

Section 6.0 of the ISR rule outlines general mitigation requirements for developments that include reduction in construction emissions of 20% of the total construction $NO_x$ emissions, and 45% of the total construction $PM_{10}$ exhaust emissions. The rule also requires the project to reduce operational $NO_x$ emissions by 33.3% and operational $PM_{10}$ emissions by 50% compared to the unmitigated baseline. Section 7.0 of the ISR rule includes fee schedules for construction or operational excess emissions of $NO_x$ or $PM_{10}$—those emissions above the goals identified in Section 6.0 of the rule. Monies collected from this fee are used by the SJVAPCD to fund emission reduction projects in the SJVAB on behalf of the project.

#### Rule 9610: State Implementation Plan Credit for Emission Reductions Generated through Incentive Programs

Rule 9610 provides an administrative mechanism for the SJVAPCD to receive credit towards SIP requirements for emission reductions achieved in the SJVAB through incentive programs administered by the SJVAPCD, U.S. Department of Agriculture Natural Resources Conservation Service, or CARB. On April 9, 2015, EPA finalized a limited approval and limited disapproval (for a minor administrative error) of Rule 9610 as a revision to the California SIP. Additional documentation regarding the effectiveness of the SJVAPCD's incentive programs can be found in 2015 Annual Demonstration Report SIP Credit for Emission Reductions Generated Through Incentive Programs (SJVAPCD 2015c).

### 2.2.3.2 Kern Council of Governments

Kern Council of Governments (KCOG) Board adopted the 2022 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) on July 21, 2022 (KCOG 2022). The RTP/SCS is comprehensive in its response to new federal statues embodied in the Moving Ahead for Progress in the 21st Century Act and state statutes, including SB 375. The RTP/SCS continues to provide a sustainability vision through year 2046 that recognizes the significant impact the transportation network has on the region's public health, mobility, and economic vitality. As the region's comprehensive long-range transportation planning document, the RTP/SCS serves as a guide for achieving public policy decisions that will result in balanced investments for a wide range of multimodal transportation improvements.

### 2.2.3.3 Kern County

The County's General Plan Land Use, Open Space, and Conservation Element, Section 1.10.2, Air Quality is intended to protect public health and welfare by implementing measures that allow the SJVAPCD to attain federal and state air quality standards. The element sets forth a number of policies and standards to reduce current pollutant emissions and to require new development to include measures to comply with air quality standards. The County's General Plan Land Use, Open Space, and Conservation Element, Section 1.10.2, Air Quality includes the following:

### Policies

18. The air quality implications of new discretionary land use proposals shall be considered in approval of major developments. Special emphasis will be placed on minimizing air quality degradation in the desert to enable effective military operations and in the valley region to meet attainment goals.

19. In considering discretionary projects for which an Environmental Impact Report must be prepared pursuant to the California Environmental Quality Act, the appropriate decision-making body, as part of its deliberations, will ensure that:

    (a) All feasible mitigation to reduce significant adverse air quality impacts have been adopted; and

    (b) The benefits of the proposed project outweigh any unavoidable significant adverse effects on air quality found to exist after inclusion of all feasible mitigation. This finding shall be made in a statement of overriding considerations and shall be supported by factual evidence to the extent that such a statement is required pursuant to the California Environmental Quality Act.

20. The County shall include fugitive dust control measures as a requirement for discretionary projects and as required by the adopted rules and regulations of the San Joaquin Valley Unified Air Pollution Control District and the Kern County Air Pollution Control District on ministerial permits.

21. The County shall support air districts' efforts to reduce $PM_{10}$ and $PM_{2.5}$ emissions.

22. Kern County shall continue to work with the San Joaquin Valley Unified Air Pollution Control District and the Kern County Air Pollution Control District toward air quality attainment with federal, State, and local standards.

23. The County shall continue to implement the local government control measures in coordination with the Kern Council of Governments and the San Joaquin Valley Unified Air Pollution Control District.

24. Kern County shall consult with transit providers to determine project effects and ensure that impacts are mitigated.

### Implementation Measures

F. All discretionary permits shall be referred to the appropriate air district for review and comment.

G. Discretionary development projects involving the use of tractor-trailer rigs shall incorporate diesel exhaust reduction strategies including, but not limited to: a. Minimizing idling time. b. Electrical overnight plug-ins.

H. Discretionary projects may use one or more of the following to reduce air quality effects:

- Pave dirt roads within the development.
- Pave outside storage areas.
- Provide additional low Volatile Organic Compounds (VOC) producing trees on landscape plans.
- Use of alternative fuel fleet vehicles or hybrid vehicles.
- Use of emission control devices on diesel equipment.

- Develop residential neighborhoods without fireplaces or with the use of Environmental Protection Agency certified, low emission natural gas fireplaces.
- Provide bicycle lockers and shower facilities on site.
- Increasing the amount of landscaping beyond what is required in the Zoning Ordinance (Chapter 19.86).
- The use and development of park and ride facilities in outlaying areas.
- Other strategies that may be recommended by the local Air Pollution Control Districts.

I. Work with transit providers to develop long-range transit strategies based on future and anticipated land use plans.

J. The County should include PM10 control measures as conditions of approval for subdivision maps, site plans, and grading permits.

**Buttonwillow Community Development Plan**

The following recommendations are provided with respect to air quality from the Buttonwillow Community Development Plan (Kern County 1974):

a) It is the recommendation of the Air Quality Control Section that the proposed development(s) proceed with only minimal disruption of the native sol surface within the project area. Removal of native grasses and/or disruption of native soils will tend to increase the discharge of fugitive dust into the atmosphere.

b) It is also recommended that sufficient dust control measures be provided during any construction activity in order to control fugitive dust.

c) It is further recommended that all roads within the project area be paved.

## 2.3 Regional and Local Air Quality Conditions

### 2.3.1 San Joaquin Valley Air Basin Attainment Designation

Pursuant to the 1990 federal Clean Air Act amendments, the EPA classifies air basins (or portions thereof) as "attainment" or "nonattainment" for each criteria air pollutant, based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as "attainment" for that pollutant. If an area exceeds the standard, the area is classified as "nonattainment" for that pollutant. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as "unclassified" or "unclassifiable." The designation of "unclassifiable/attainment" means that the area meets the standard or is expected to meet the standard despite a lack of monitoring data. Areas that achieve the standards after a nonattainment designation are redesignated as maintenance areas and must have approved maintenance plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as "attainment" or "nonattainment," but based on CAAQS rather than the NAAQS. Table 2 depicts the current attainment status of the SJVAB with respect to the NAAQS and CAAQS, as well as the attainment classifications for the criteria pollutants.

**Table 2. San Joaquin Valley Air Basin Attainment Status**

| Pollutant | Designation/Classification | |
|---|---|---|
| | National Designation | California Designation |
| Ozone ($O_3$) – 1-hour | No national standard[1] | Nonattainment/severe |
| Ozone ($O_3$) – 8-hour | Nonattainment/extreme[2] | Nonattainment |
| Nitrogen dioxide ($NO_2$) | Unclassifiable/attainment | Attainment |
| Carbon monoxide (CO) | Unclassifiable/attainment | Attainment |
| Sulfur dioxide ($SO_2$) | Unclassifiable/attainment | Attainment |
| Respirable particulate matter ($PM_{10}$) | Attainment (maintenance)[3] | Nonattainment |
| Fine particulate matter ($PM_{2.5}$) | Nonattainment[4] | Nonattainment |
| Lead (Pb)[5] | Unclassifiable/attainment | Attainment |
| Sulfates ($SO_4$) | No national standard | Attainment |
| Hydrogen sulfide | No national standard | Unclassified |
| Vinyl chloride[5] | No national standard | No designation |
| Visibility-reducing particles | No national standard | Unclassified |

**Sources:** SJVAPCD 2020c; EPA 2018 (national); CARB 2019e (California).
**Notes:** Attainment = meets the standards; Attainment (maintenance) = achieves the standards after a nonattainment designation; Nonattainment = does not meet the standards; Unclassified or unclassifiable = insufficient data to classify; Unclassifiable/attainment = meets the standard or is expected to be meet the standard despite a lack of monitoring data.

1 Effective June 15, 2005, the EPA revoked the national 1-hour ozone standard, including associated designations and classifications. EPA had previously classified the SJVAB as extreme nonattainment for this standard. EPA approved the 2004 Extreme Ozone Attainment Demonstration Plan (SJVAPCD 2004) on March 8, 2010 (effective April 7, 2010). Many applicable requirements for extreme 1-hour ozone nonattainment areas continue to apply to the SJVAB.

2 Though the San Joaquin Valley was initially classified as serious nonattainment for the 1997 8-hour ozone standard, EPA approved San Joaquin Valley reclassification to extreme nonattainment in the Federal Register on May 5, 2010 (effective June 4, 2010).

3 On September 25, 2008, EPA redesignated the San Joaquin Valley to attainment for the $PM_{10}$ NAAQS and approved the $PM_{10}$ Maintenance Plan.

4 The San Joaquin Valley is designated nonattainment for the 1997 $PM_{2.5}$ NAAQS. EPA designated the San Joaquin Valley as nonattainment for the 2006 $PM_{2.5}$ NAAQS on November 13, 2009 (effective December 14, 2009).

5 CARB has identified lead and vinyl chloride as toxic air contaminants with no threshold level of exposure for adverse health effects determined.

In summary, the EPA has designated the SJVAB as a nonattainment area for the national 8-hour $O_3$ standard, and CARB has designated the SJVAB as a nonattainment area for the California 1-hour and 8-hour $O_3$ standards. The SJVAB has been designated as a nonattainment area for the California 24-hour and annual $PM_{10}$ standards, a nonattainment area for the national 24-hour and annual $PM_{2.5}$ standards, and as a nonattainment area for the California annual $PM_{2.5}$ standard. The SJVAB is designated as unclassified or attainment for all other criteria air pollutants.

### 2.3.2 Local Ambient Air Quality

CARB, air districts, and other agencies monitor ambient air quality at approximately 250 air quality monitoring stations across the state. The SJVAPCD and CARB local ambient air quality at the project site. Air quality monitoring stations usually measure pollutant concentrations 10 feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations (GLCs). The most recent background ambient air quality data, from 2019 to 2021, are presented in Table 3. The Shafter-Walker Street monitoring station, located at 548 Walker Street, Shafter California 93263, is the nearest air quality monitoring station to the project site, located approximately 4.3 miles away. The data collected at this station are considered representative of the air quality experienced in the project vicinity. Air quality data for $O_3$ and $NO_2$ from the Shafter-Walker Street monitoring station are provided in

Table 3. Because CO, $PM_{10}$, and $PM_{2.5}$ are not monitored at the Shafter-Walker monitoring station, CO, $PM_{10}$, and $PM_{2.5}$ measurements were taken from the Bakersfield monitoring stations located at 2000 South Union Avenue (19.5 miles) and 5558 California Avenue (15.6 miles). $SO_2$ is not currently monitored in the County and data is not available. The number of days exceeding the ambient air quality standards are also shown in Table 3.

## Table 3. Local Ambient Air Quality Data

| Monitoring Station | Unit | Averaging Time | Agency/Method | Ambient Air Quality Standard | Measured Concentration by Year | | | Exceedances by Year | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 2019 | | 2021 | 2019 | | 2021 |
| **Ozone ($O_3$)** | | | | | | | | | | |
| Shafter-Walker Street | ppm | Maximum 1-hour concentration | California | 0.09 | 0.087 | 0.116 | 0.104 | 0 | 6 | 1 |
| | ppm | Maximum 8-hour concentration | California | 0.070 | 0.077 | 0.098 | 0.085 | 14 | 34 | 15 |
| | | | National | 0.070 | 0.077 | 0.098 | 0.085 | 14 | 34 | 15 |
| **Nitrogen Dioxide ($NO_2$)** | | | | | | | | | | |
| Shafter-Walker Street | ppm | Maximum 1-hour concentration | California | 0.18 | 0.049 | 0.041 | 0.047 | 0 | 0 | 0 |
| | | | National | 0.100 | 0.049 | 0.041 | 0.048 | 0 | 0 | 0 |
| | ppm | Annual concentration | California | 0.030 | 0.008 | 0.008 | 0.008 | 0 | 0 | 0 |
| | | | National | 0.053 | 0.009 | 0.009 | 0.008 | 0 | 0 | 0 |
| **Carbon Monoxide (CO)** | | | | | | | | | | |
| Bakersfield-2000 South Union Avenue | ppm | Maximum 1-hour concentration | California | 20 | 1.2 | 1.7 | 2.8 | 0 | 0 | 0 |
| | | | National | 35 | 1.2 | 1.7 | 2.8 | 0 | 0 | 0 |
| | ppm | Maximum 8-hour concentration | California | 9.0 | 1.0 | 1.6 | 1.3 | 0 | 0 | 0 |
| | | | National | 9 | 1.0 | 1.6 | 1.3 | 0 | 0 | 0 |
| **Coarse Particulate Matter ($PM_{10}$)[a]** | | | | | | | | | | |
| Bakersfield-5558 California Avenue | µg/m³ | Maximum 24-hour concentration | California | 50 | 125.9 | 196.8 | 439.3 | 108.1 (17) | ND (18) | ND (124) |
| | | | National | 150 | 116.3 | 193.8 | 437.5 | 0.0 (0) | ND (1) | ND (3) |
| | µg/m³ | Annual concentration | California | 20 | 39.0 | ND | ND | ND | ND | ND |

## Table 3. Local Ambient Air Quality Data

| Monitoring Station | Unit | Averaging Time | Agency/Method | Ambient Air Quality Standard | Measured Concentration by Year | | | Exceedances by Year | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 2019 | | 2021 | 2019 | | 2021 |
| **Fine Particulate Matter ($PM_{2.5}$)[a]** | | | | | | | | | | |
| Bakersfield-5558 California Avenue | µg/m³ | Maximum 24-hour concentration | National | 35 | 59.1 | 150.7 | 72.3 | 12.3 (12) | 46.4 (44) | 43.2 (40) |
| | µg/m³ | Annual concentration | California | 12 | 11.8 | 19.7 | 16.6 | ND | ND | ND |
| | | | National | 12.0 | 11.5 | 19.7 | 16.6 | ND | ND | ND |

**Sources:** CARB 2020a; EPA 2020a.

**Notes:** µg/m³ = micrograms per cubic meter; ND = insufficient data available to determine the value; ppm = parts per million.

Data taken from CARB iADAM (http://www.arb.ca.gov/adam) and EPA AirData (https://www.epa.gov/outdoor-air-quality-data) represent the highest concentrations experienced over a given year.

Exceedances of national and California standards are only shown for $O_3$ and particulate matter. Daily exceedances for particulate matter are estimated days because $PM_{10}$ and $PM_{2.5}$ are not monitored daily. All other criteria pollutants did not exceed national or California standards during the years shown. There is no national standard for 1-hour $O_3$, annual $PM_{10}$, or 24-hour $SO_2$, nor is there a California 24-hour standard for $PM_{2.5}$.

$SO_2$ is not currently monitored in the County and data is not available; therefore, it is not included in the table.

Shafter-Walker Monitoring Station is located at 548 Walker Street, Shafter, California 93263.

Bakersfield Monitoring Station is located at 2000 South Union Avenue, Bakersfield, California 93307.

Bakersfield Monitoring Station located at 5558 California Avenue, Bakersfield, California 93309.

[a] Measurements of $PM_{10}$ and $PM_{2.5}$ are usually collected every 6 days and every 1 to 3 days, respectively. Number of days exceeding the standards is a mathematical estimate of the number of days concentrations would have been greater than the level of the standard had each day been monitored. The numbers in parentheses are the measured number of samples that exceeded the standard.

# 2.4 Significance Criteria and Methodology

## 2.4.1 Thresholds of Significance

The Kern County CEQA Implementation Document and Kern County Environmental Checklist identify the following criteria, as established in Appendix G of the CEQA Guidelines, to determine if a project could potentially have a significant adverse effect related to air quality. The significance criteria used to evaluate the project impacts to air quality are based on the recommendations provided in Appendix G of the CEQA Guidelines. For the purposes of this air quality analysis, a significant impact would occur if the project would (14 CCR 15000 et seq.):

1. Conflict with or obstruct implementation of the applicable air quality plan.
2. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard.
3. Expose sensitive receptors to substantial pollutant concentrations.
4. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.) indicates that, where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to determine whether the project would have a significant impact on air quality.

The SJVAPCD has adopted guidelines for implementing CEQA which are applied during CEQA review of projects for which SJVAPCD is the lead agency. However, the County is the CEQA lead agency for the proposed project and will make the determination as to whether or not the proposed project may have a significant effect on the environment. The County's determination will take into consideration SJVAPCD's criteria but will ultimately be based upon the thresholds adopted by the County. Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations.

### SJVAPCD

#### Conflict with or Obstruct Implementation of the Applicable Air Quality Plan

A project is nonconforming with an air quality plan if it conflicts with or delays implementation of any applicable attainment or maintenance plan. A project is conforming if it complies with all applicable SJVAPCD rules and regulations, complies with all proposed control measures that are not yet adopted from the applicable plan(s), and is consistent with the growth forecasts in the applicable plan(s) (or is directly included in the applicable plan). Zoning changes, specific plans, general plan amendments, and similar land use plan changes that do not increase dwelling unit density, do not increase vehicle trips, and do not increase VMT are also deemed to comply with the applicable air quality plan (SJVAPCD 2015a).

#### Result in a Cumulatively Considerable Net Increase of Any Criteria Pollutant for Which the Project Region is Nonattainment under an Applicable Federal or State Ambient Air Quality Standard

The SJVAPCD GAMAQI has established emissions-based thresholds of significance for criteria pollutants (SJVAPCD 2015a), which are depicted in Table 4. As shown in Table 4, the SJVAPCD has established significance thresholds for construction emissions and operational permitted and nonpermitted equipment and activities, and it

recommends evaluating impact significance for these categories separately. These thresholds of significance are based on a calendar-year basis, although construction emissions are assessed on a rolling 12-month period.

**Table 4. San Joaquin Valley Air Pollution Control District CEQA Significance Thresholds for Criteria Pollutants**

| Pollutant | Construction Emissions (tons per year) | Operational Emissions (tons per year) | |
|---|---|---|---|
| | | Permitted Equipment and Activities | Nonpermitted Equipment and Activities |
| ROG | 10 | 10 | 10 |
| $NO_x$ | 10 | 10 | 10 |
| CO | 100 | 100 | 100 |
| $SO_x$ | 27 | 27 | 27 |
| $PM_{10}$ | 15 | 15 | 15 |
| $PM_{2.5}$ | 15 | 15 | 15 |

**Source:** SJVAPCD 2015a.
**Note:** ROG = reactive organic gases; $No_x$ = oxides of nitrogen; CO = carbon monoxide; $So_x$ = sulfur oxides; $PM_{10}$ = particulate matter with an aerodynamic diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns.

In addition to the annual emissions mass thresholds described in Table 4, the SJVAPCD has also established screening criteria to determine whether a project would result in a CO hotspot at affected roadway intersections (SJVAPCD 2015a). If neither of the following criteria is met at any of the intersections affected by the project, the project would result in no potential to create a violation of the CO standard:

- A traffic study for the project indicates that the level of service (LOS) on one or more streets or at one or more intersections in the project site will be reduced to LOS E or F.
- A traffic study indicates that the project will substantially worsen an already existing LOS F on one or more streets or at more or more intersections in the project site.

### Ambient Air Quality Impacts

Appendix G of the CEQA Guidelines indicates that a project would have a significant air quality impact if it would violate any air quality standard or contribute substantially to an existing or projected air quality violation. The thresholds of significance for ambient air quality are based on the CAAQS and NAAQS, whereby a project would be considered to have a significant impact if its emissions are predicted to cause or contribute to a violation of an ambient air quality standard by exceeding any CAAQS or NAAQS (SJVAPCD 2015a). The SJVAPCD recommends that an ambient air quality assessment be performed when on-site emissions of any criteria pollutant would equal or exceed any applicable threshold of significance for criteria pollutants or 100 pounds per day of any criteria pollutant (SJVAPCD 2015a). In the ambient air quality assessment, air pollutant concentrations are determined through air quality dispersion modeling, added to the corresponding background level, and compared to the relevant CAAQS and/or NAAQS. If the air pollutant concentrations plus background levels, however, would exceed a CAAQS or NAAQS, the SJVAPCD recommends that specified Significant Impact Levels (SILs) be applied to the modeled concentrations to assess whether a project's emissions would contribute substantially to an existing violation of the CAAQS or NAAQS (SJVAPCD 2014b).

### Expose Sensitive Receptors to Substantial Pollutant Concentrations

The SJVAPCD has established thresholds of significance for combined TAC emissions from the operations of both permitted and nonpermitted sources (SJVAPCD 2015a). Projects that have the potential to expose the public to TACs in excess of the following thresholds would be considered to have a significant air quality impact:

- The probability of contracting cancer for the maximally exposed individual equals or exceeds 20 in 1 million people.[4]
- The Hazard Index[5] for acute and chronic noncarcinogenic TACs equals or exceeds 1 for the maximally exposed individual

### Result in Other Emissions (such as those leading to odors) Adversely Affecting a Substantial Number of People

As described in the GAMAQI, due to the subjective nature of odor impacts, there are no quantitative thresholds to determine if potential odors would have a significant impact (SJVAPCD 2015a). Projects must be assessed for odor impacts on a case-by-case basis for the following two situations:

- **Generators:** Projects that would potentially generate odorous emissions locating near existing sensitive receptors or other land uses where people may congregate
- **Receivers:** Residential or other sensitive receptor projects or other projects built for the intent of attracting people locating near existing odor sources.

The SJVAPCD has identified some common types of facilities that have been known to produce substantial odors, as well as screening distances between these odor sources and receptors. These are depicted in Table 5.

**Table 5. Screening Levels for Potential Odor Sources**

| Type of Facility | Screening Distance (Miles) |
|---|---|
| Wastewater treatment facility | 2 |
| Sanitary landfill | 1 |
| Transfer station | 1 |
| Composting facility | 1 |
| Petroleum facility | 2 |
| Asphalt batch plant | 1 |
| Chemical manufacturing | 1 |
| Fiberglass manufacturing | 1 |
| Painting/coating (i.e., auto body shop) | 1 |
| Food processing facility | 1 |

[4] The cancer risk threshold was increased from 10 to 20 in 1 million with approval of APR 1906 (Framework for Performing Health Risk Assessments) (SJVAPCD 2015d) on June 30, 2015.

[5] Noncancer adverse health impact, both for acute (short-term) and chronic (long-term) health effects, is measured against a hazard index, which is defined as the ratio of the predicted incremental exposure concentration from the project to a published reference exposure level that could cause adverse health effects as established by the Office of Environmental Health Hazard Assessment. The ratio (referred to as the hazard quotient) of each noncarcinogenic substance that affects a certain organ system is added together to produce an overall hazard index for that organ system.

**Table 5. Screening Levels for Potential Odor Sources**

| Type of Facility | Screening Distance (Miles) |
|---|---|
| Feed lot/dairy | 1 |
| Rendering plant | 1 |

**Source:** SJVAPCD 2015a.

If the project would result in an odor source and sensitive receptors being located within these screening distances, additional analysis would be required. For projects involving new receptors locating near an existing odor source where there is currently no nearby development, as well as for new odor sources locating near existing receptors, the SJVAPCD recommends the analysis be based on a review of odor complaints for similar facilities, with consideration also given to local meteorological conditions, particularly the intensity and direction of prevailing winds. Regarding the complaint record of the odor source facility (or similar facility), the facility would be considered to result in significant odors if there has been:

- More than one confirmed complaint per year averaged over a 3-year period.
- Three unconfirmed complaints[6] per year averaged over a 3-year period.

### Cumulative

A project's emissions may be individually limited but cumulatively considerable when taken in combination with past, present, and future development within the SJVAB. If a project would result in a significant impact based on the SJVAPCD annual thresholds of significance for criteria pollutants, then the project would also be considered cumulatively significant. However, if the project emissions are below the annual significance thresholds for criteria pollutants, the impact may still be cumulatively significant. For instance, if the project results in criteria pollutant concentrations that exceed any of the federal health-based ambient air concentration standards or causes a worsening of areas already exceeding those standards, the project's impacts would be considered individually significant, as well as cumulatively significant. In addition, the combined emissions of the project and cumulative development located within the same area could potentially cause or worsen an exceedance of the concentration standards, whereby the project would have a cumulatively significant impact (SJVAPCD 2015a).

In regard to TACs, since impacts are localized and the SJVAPCD thresholds of significance for TACs have been established at an extremely conservative level, risks that equal or exceed the individual thresholds of significance are also considered cumulatively significant (SJVAPCD 2015a). No other cumulative risk thresholds would apply.

The SJVAPCD has not established cumulative significance thresholds regarding odor impacts.

6 An unconfirmed complaint means that either the odor/air contaminant release could not be detected, or the source/facility cannot be determined (SJVAPCD 2015a).

## 2.4.2 Approach and Methodology

### 2.4.2.1 Construction Emissions

Emissions from the construction phase of the project were estimated using CalEEMod Version 2022.1.1.29. Construction scenario assumptions, including phasing, equipment mix, and vehicle trips, were based on information provided by the project applicant and CalEEMod default values when project specifics were not known.

For purposes of estimating project emissions, and based on information provided by the project applicant, it is assumed that construction of the project would commence as early as July 2025[7] and would last approximately 60 months, ending in June 2030. The analysis contained herein is based on the following assumptions (duration of phases is approximate):

- **Site Preparation:** July 2025–April 2026
- **Tracker Foundations:** April 2026–March 2027
- **Underground Cabling:** March 2027–February 2028
- **Mechanical Installation:** February 2028–March 2029
- **Electrical Installation:** March 2029–June 2030

Grading would be balanced onsite. For vendor and haul trucks it was assumed that there would be 0.25 miles of unpaved road travel per trip. Workers were assumed to park in a staging area (compacted soil) and travel 18 miles from Bakersfield, which is the nearest employment center, to the project site. Water trucks are represented in the vendor truck category and were modeled with the default trip length of 7.37 miles (to account for onsite travel). Solar construction was stated to require a maximum of 1,000 acre-feet of water per year, which translates to 252 one-way water-truck trips per day of solar construction. All material deliveries are provided in the haul truck category and are assumed to travel 66 miles from the edge of the SJVAB. The construction equipment mix and vehicle trips used for estimating the project-generated construction emissions are shown in Table 6.

[7] The analysis assumes a construction start date of July 2025, which represents the earliest date construction would initiate. Assuming the earliest start date for construction represents the worst-case scenario for criteria air pollutant and GHG emissions because equipment and vehicle emission factors for later years would be slightly less due to more stringent standards for in-use off-road equipment and heavy-duty trucks, as well as fleet turnover replacing older equipment and vehicles in later years.

## Table 6. Solar Construction Assumptions

| Construction Phase | One Way Vehicle Trips | | | Equipment | | |
|---|---|---|---|---|---|---|
| | Average Daily Workers | | Average Daily Haul Trucks | Type | | Usage Hours |
| Site Preparation | 534 | 252 | 34 | Graders | 4 | 8 |
| | | | | Off-Highway Trucks | 7 | 4 |
| | | | | Plate Compactors | 3 | 8 |
| | | | | Rubber Tired Loaders | 3 | 8 |
| | | | | Rough Terrain Forklifts | 4 | 8 |
| | | | | Skid Steer Loaders | 4 | 8 |
| | | | | Crawler Tractors | 1 | 5 |
| Tracker Foundations | 1,334 | 252 | 74 | Generator Sets | 4 | 8 |
| | | | | Air Compressors | 1 | 8 |
| | | | | Off-Highway Trucks | 7 | 4 |
| | | | | Other Construction Equipment | 1 | 2 |
| | | | | Rough Terrain Forklifts | 7 | 8 |
| | | | | Rubber Tired Loaders | 1 | 8 |
| | | | | Other General Industrial Equipment | 9 | 8 |
| | | | | Skid Steer Loaders | 9 | 8 |
| Underground Cabling | 100 | 252 | 20 | Excavators | 4 | 8 |
| | | | | Trenchers | 1 | 8 |
| | | | | Off-Highway Trucks | 7 | 4 |
| | | | | Plate Compactors | 3 | 8 |
| | | | | Rubber Tired Loaders | 1 | 8 |
| | | | | Skid Steer Loaders | 4 | 8 |
| Mechanical Installation | 1,334 | 252 | 74 | Generator Sets | 11 | 8 |
| | | | | Air Compressors | 20 | 8 |
| | | | | Off-Highway Trucks | 8 | 4 |
| | | | | Other Construction Equipment | 1 | 2 |
| | | | | Rough Terrain Forklifts | 9 | 8 |
| | | | | Rubber Tired Loaders | 4 | 8 |
| | | | | Skid Steer Loaders | 1 | 8 |
| Electrical Installation | 1,334 | 252 | 74 | Air Compressors | 3 | 8 |
| | | | | Off-Highway Trucks | 9 | 4 |
| | | | | Rubber Tired Loaders | 4 | 8 |
| | | | | Rough Terrain Forklifts | 5 | 8 |
| | | | | Trenchers | 3 | 8 |
| | | | | Excavators | 3 | 8 |

Once the project reaches the end of its operational lifetime (30 years) it will be decommissioned. For purposes of estimating project decommissioning emissions, it is assumed that activity would commence in January 2061 and would last approximately 25 months. However, CalEEMod does not have emission factors beyond 2050. As such, for modeling purposes, year 2050 was assumed for the end of decommissioning.[8] The analysis contained herein is based on the following assumptions (duration of phases is approximate):

- **Removal of Tracker Foundations:** November 2047–October 2048
- **Removal of Mechanical Components:** October 2048–December 2049

For vendor and haul trucks it was assumed that there would be 0.25 miles of unpaved road travel per trip. Workers were assumed to park in a staging area (compacted soil). The construction equipment mix and vehicle trips used for estimating the project-generated decommissioning emissions are shown in Table 7.

## Table 7. Decommissioning Scenario Assumptions

| Construction Phase | One Way Vehicle Trips | | | Equipment | | |
|---|---|---|---|---|---|---|
| | Average Daily Workers | | Average Daily Haul Trucks | Type | | Usage Hours |
| Removal of Tracker Foundations | 1,334 | 252 | 74 | Generator Sets | 4 | 8 |
| | | | | Off-Highway Trucks | 7 | 4 |
| | | | | Air Compressors | 1 | 8 |
| | | | | Skid Steer Loaders | 9 | 8 |
| | | | | Other Construction Equipment | 1 | 2 |
| | | | | Rubber-Tired Loaders | 1 | 8 |
| | | | | Rough Terrain Forklifts | 7 | 8 |
| | | | | Vibratory Post Driver | 9 | 8 |
| Removal of Mechanical Components | 1,334 | 252 | 74 | Generator Sets | 11 | 8 |
| | | | | Off-Highway Trucks | 8 | 4 |
| | | | | Air Compressors | 20 | 8 |
| | | | | Skid Steer Loaders | 1 | 8 |
| | | | | Other Construction Equipment | 1 | 2 |
| | | | | Rubber-Tired Loaders | 4 | 8 |
| | | | | Rough Terrain Forklifts | 9 | 8 |

**Notes:** See Appendix A for details.

[8] The analysis assumes a construction start date of November 2047, which represents the earliest date decommissioning would initiate. Assuming the earliest start date for decommissioning represents the worst-case scenario for criteria air pollutant and GHG emissions because equipment and vehicle emission factors for later years would be slightly less due to more stringent standards for in-use off-road equipment and heavy-duty trucks, as well as fleet turnover replacing older equipment and vehicles in later years.

The project would implement dust control strategies in accordance with SJVAPCD Rule 8021. To reflect implementation of proposed dust control strategies, the following was assumed in CalEEMod:

- Water exposed area two times per day (61% reduction in $PM_{10}$ and $PM_{2.5}$).

### Health Risk Assessment

A construction HRA was performed to evaluate potential health risks associated with construction of the project. The following discussion summarizes the dispersion modeling and HRA methodology; supporting construction HRA documentation, including detailed assumptions, is presented in Appendix B.

For risk assessment purposes, $PM_{10}$ in diesel exhaust is considered DPM, originating mainly from off-road equipment operating at a defined location for a given length of time at a given distance from sensitive receptors. Less-intensive, more-dispersed emissions result from on-road vehicle exhaust (e.g., heavy-duty diesel trucks). For the construction HRA, the CalEEMod scenario for the project was adjusted to reduce diesel truck one-way trip distances to 0.25 miles to estimate emissions from truck pass-by at proximate receptors (SJVAPCD 2018).

The air dispersion modeling methodology was based on generally accepted modeling practices of SJVAPCD (SJVAPCD 2022). Air dispersion modeling was performed using the EPA's American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) Version 23132 modeling system (computer software) with the Lakes Environmental Software implementation/user interface, AERMOD View Version 12.0.0. The HRA followed the Office of Environmental Health Hazard Assessment 2015 guidelines (OEHHA 2015) and SJVAPCD guidance to calculate the health risk impacts at all proximate receptors, as further discussed below. The dispersion modeling included the use of standard regulatory default options. AERMOD parameters were selected consistent with the SJVAPCD and EPA guidance and identified as representative of the project site activities. Principal parameters of this modeling are presented in Table 8, American Meteorological Society/Environmental Protection Agency Regulatory Model Principal Parameters – Construction Health Risk Assessment.

**Table 8. American Meteorological Society/Environmental Protection Agency Regulatory Model Principal Parameters – Construction Health Risk Assessment**

| Parameter | Details |
|---|---|
| Meteorological Data | The latest 5-year meteorological data (2007–2011) for the Wasco Station (Station ID 99010) from SJVAPCD were downloaded and then input to AERMOD. For cancer or chronic noncancer risk assessments, the average cancer risk of all years modeled was used. |
| Urban versus Rural Option | Urban areas typically have more surface roughness, as well as structures and low-albedo surfaces that absorb more sunlight—and thus more heat—relative to rural areas. However, based on the SJVAPCD guidelines, the rural dispersion option was selected due to the predominant land use surrounding the project. |
| Terrain Characteristics | The terrain in the vicinity of the modeled project site is generally flat. The elevation of the modeled site is about 295 feet above sea level. Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. |
| Elevation Data | Digital elevation data were imported into AERMOD, and elevations were assigned to the emission sources and receptors. Digital elevation data were obtained through AERMOD |

**Table 8. American Meteorological Society/Environmental Protection Agency Regulatory Model Principal Parameters – Construction Health Risk Assessment**

| Parameter | Details |
|---|---|
| | View in the U.S. Geological Survey's National Elevation Dataset format with a 30-meter resolution. |
| Emission Sources and Release Parameters | Air dispersion modeling of particulate matter from construction equipment was conducted using emissions estimated using the CalEEMod and a spreadsheet-based model, assuming emissions would occur 8 hours per day, 5 days per week. The project area was modeled as a series of line-volume sources. On-site emissions of vehicles were also included, assuming a 0.25-mile travel distance. |
| Source Release Characterizations | Based on EPA methodology, the modeled line-volume sources would result in a release height of 3.4 meters, a plume height of 6.8 meters, and a plume width of 200 meters for off-road equipment and diesel trucks (EPA 2015). |
| Receptors | Discrete receptors were placed over residences proximate to the project. |

**Note**: See Appendix B; SJVAPCD = San Joaquin Valley Air Pollution Control District; EPA = U.S. Environmental Protection Agency.

AERMOD was run with all sources emitting unit emissions (1 gram per second) to obtain the necessary input values for HARP2 (Hotspots Analysis Reporting Program version 2). The line of volume sources was partitioned evenly based on the 1-gram-per-second emission rate. The GLC plot files were then used to estimate the long-term cancer health risk to an individual, and the noncancerous chronic health indices. There is no reference exposure level for acute health impacts from DPM, and, thus, acute risk was not evaluated.

Cancer risk is defined as the increase in probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased chances in 1 million. Maximum individual cancer risk is the estimated probability of a maximally exposed individual potentially contracting cancer as a result of exposure to TACs over a period of 30 years for residential receptor locations. For the construction HRA, the TAC exposure period was assumed to be from third trimester of pregnancy for 60 months for all receptor locations (i.e., the assumed duration of project construction. The exposure pathway for DPM is inhalation only.

The SJVAPCD has also established noncarcinogenic risk parameters for use in HRAs, because some TACs increase noncancerous health risk due to long-term (chronic) exposures, and some TACs increase noncancerous health risk due to short-term (acute) exposures. Chronic exposure is evaluated in the construction HRA. Noncarcinogenic risks are quantified by calculating a hazard index, expressed as the ratio between the ambient pollutant concentration and its toxicity or reference exposure level, which is a concentration at or below which health effects are not likely to occur. The chronic hazard index is the sum of the individual substance chronic hazard indices for all TACs affecting the same target organ system. A hazard index less of than one (1.0) means that adverse health effects are not expected.

## Air Quality Impact Assessment

As recommended by the Guidance for Assessing and Mitigating Air Quality Impacts (SJVAPCD 2015a), an ambient air quality impacts assessment should be performed if any pollutants exceed 100 pounds per day during construction or operation. As discussed in Section 2.5.2, the project would exceed 100 pounds per day for $PM_{10}$, $NO_x$, and CO.

For the initial assessment (Level 1) of the ambient air quality impact analysis, the maximum background concentration for the project site for each pollutant and averaging period combination was added to the corresponding maximum GLC from project-related construction (Step 1). The sum of these values was then compared to the corresponding ambient air quality standard. If the incremental increase in concentration from project-related sources did not cause an exceedance of an ambient air quality standard, then the analysis was complete for that source/receptor/pollutant combination. If the incremental increase in concentration from project-related sources caused an exceedance of an ambient air quality standard, then the analysis proceeded to Step 2. Step 2 was similar to Step 1 with one major difference. For this second step, the maximum GLC of each pollutant and averaging period combination were compared to its corresponding Significant Impact Level (SIL). The SIL is used to evaluate whether the project's construction emissions would contribute to a violation of an ambient air quality standard, where the background level is close to or exceeds an ambient air quality standard. If the maximum GLC did not exceed the corresponding SIL, then the analysis was complete for that source/receptor/pollutant combination, and no further analysis was required.

For the Level 1 approach, in accordance with SJVAPCD APR-1925, all required criteria pollutants are modeled together, with a normalized emission rate (1 gram/second) for each source. The dispersion modeling was performed using the American Meteorological Society/EPA Regulatory Model (AERMOD), which is the model SJVAPCD requires for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary-layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain (EPA 2015). Principal parameters of this Level 1 modeling are presented in Table 9.

### Table 9. AERMOD Principal Parameters – Air Quality Impact Assessment

| Parameter | Details |
|---|---|
| Meteorological Data | The latest 5-year meteorological data (2007–2011) for the Wasco Station (Station ID 99010) from SJVAPCD were downloaded and then input to AERMOD. |
| Urban versus Rural Option | Urban areas typically have more surface roughness, as well as structures and low-albedo surfaces that absorb more sunlight—and thus more heat—relative to rural areas. However, based on the SJVAPCD guidelines, the rural dispersion option was selected due to the predominant land use surrounding the project. |
| Terrain Characteristics | The terrain in the vicinity of the modeled project site is generally flat. The elevation of the modeled site is about 295 feet above sea level. Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. |
| Elevation Data | Digital elevation data were imported into AERMOD, and elevations were assigned to the emission sources and receptors. Digital elevation data were obtained through AERMOD View in the U.S. Geological Survey's National Elevation Dataset format with a 30-meter resolution. |
| Emission Sources and Release Parameters | Air dispersion modeling from construction equipment was conducted using emissions estimated using the CalEEMod, assuming emissions would occur 8 hours per day, 5 days per week. The project area was modeled as a series of line-volume sources. On-site emissions of vehicles were also included, assuming a 0.25-mile travel distance. |
| Source Release Characterizations | Based on EPA methodology, the modeled line-volume sources would result in a release height of 3.4 meters, a plume height of 6.8 meters, and a plume width of 200 meters for off-road equipment and diesel trucks (EPA 2015) to cover the disturbed areas. |
| Receptors | A telescoping grid of receptors was placed around the project site boundary in the following spacing: 25-meter spacing on the facility boundary; 25-meter spacing from the |

**Table 9. AERMOD Principal Parameters – Air Quality Impact Assessment**

| Parameter | Details |
|---|---|
| | facility boundary to 100 meters; 50-meter spacing from 100 meters to 250 meters; 100-meter spacing from 250 meters to 500 meters; 250-meter spacing from 500 meters to 1,000 meters; and 500-meter spacing from 1,000 meters to 2,000 meters. |

**Note**: See Appendix C; SJVAPCD = San Joaquin Valley Air Pollution Control District; EPA = U.S. Environmental Protection Agency.

### Particulate Matter Dispersion Modeling

In accordance with Preparing an Air Quality Assessment for Use in Environmental Impact Reports (Kern County 2006), the maximum 24-hour average concentration of primary $PM_{10}$ and $PM_{2.5}$ was modeled at the project boundary. The dispersion modeling of $PM_{10}$ and $PM_{2.5}$ was performed using the American Meteorological Society/EPA Regulatory Model (AERMOD), which is the model SJVAPCD requires for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary-layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain (EPA 2015). Principal parameters of this PM modeling are presented in Table 10.

**Table 10. AERMOD Principal Parameters – Particulate Matter Dispersion Modeling**

| Parameter | Details |
|---|---|
| Meteorological Data | The latest 5-year meteorological data (2007–2011) for the Wasco Station (Station ID 99010) from SJVAPCD were downloaded and then input to AERMOD. |
| Urban versus Rural Option | Urban areas typically have more surface roughness, as well as structures and low-albedo surfaces that absorb more sunlight—and thus more heat—relative to rural areas. However, based on the SJVAPCD guidelines, the rural dispersion option was selected due to the predominant land use surrounding the project. |
| Terrain Characteristics | The terrain in the vicinity of the modeled project site is generally flat. The elevation of the modeled site is about 295 feet above sea level. Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. |
| Elevation Data | Digital elevation data were imported into AERMOD, and elevations were assigned to the emission sources and receptors. Digital elevation data were obtained through AERMOD View in the U.S. Geological Survey's National Elevation Dataset format with a 30-meter resolution. |
| Emission Sources and Release Parameters | Air dispersion modeling of particulate matter from construction equipment was conducted using emissions estimated using CalEEMod, assuming emissions would occur 8 hours per day, 5 days per week. The project area was modeled as a series of line-volume sources. On-site emissions of vehicles were also included, assuming a 0.25-mile travel distance. |
| Source Release Characterizations | Based on EPA methodology, the modeled line-volume sources would result in a release height of 3.4 meters, a plume height of 6.8 meters, and a plume width of 200 meters for off-road equipment and diesel trucks (EPA 2015) to cover the disturbed areas. |
| Receptors | A cartesian plant boundary was established for the project with receptors every 25 meters. |

**Note**: See Appendix D; SJVAPCD = San Joaquin Valley Air Pollution Control District; EPA = U.S. Environmental Protection Agency.

#### 2.4.2.2 Operational Emissions

Emissions from the operational phase of the project were estimated using CalEEMod Version 2022.1.1.29. Operational year 2030 was assumed consistent with completion of project construction.

##### Area Sources

CalEEMod was used to estimate operational emissions from area sources, including emissions from consumer product use, architectural coatings, and landscape maintenance equipment.

Consumer products are chemically formulated products used by household and institutional consumers, including detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products. Other paint products, furniture coatings, or architectural coatings are not considered consumer products (CAPCOA 2022). Consumer product ROG emissions are estimated in CalEEMod based on the floor area of nonresidential buildings and on the default factor of pounds of ROG per building square foot per day. For parking lot land uses, CalEEMod estimates ROG emissions associated with use of parking surface degreasers based on a square footage of parking surface area and pounds of ROG per square foot per day.

VOC off-gassing emissions result from evaporation of solvents contained in surface coatings, such as in paints and primers used during building maintenance. CalEEMod calculates the VOC evaporative emissions from the application of surface coatings based on the VOC emission factor, the building square footage, the assumed fraction of surface area, and the reapplication rate. The VOC emissions factor is based on the VOC content of the surface coatings, and SJVAPCD Rule 4601, Architectural Coatings, governs the VOC content for interior and exterior coatings. This rule requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on the VOC content of various coating categories. Based on the limits in Rule 4601 of 50 grams per liter (g/L) VOC content for flat and nonflat coatings, 50g/L VOC content was assumed for all coatings used in the project. CalEEMod default values were assumed for the surface area to be painted, and the reapplication rate to be 10% of area per year.

Landscape maintenance includes fuel combustion emissions from equipment such as lawn mowers, rototillers, shredders/grinders, blowers, trimmers, chainsaws, and hedge trimmers. The emissions associated with landscape equipment use were estimated based on CalEEMod default values for emission factors (grams per square foot of building space per day) and the number of summer days (when landscape maintenance would generally be performed) and winter days.

##### Energy Sources

As represented in CalEEMod, project energy sources include emissions associated with building electricity for the O&M buildings. Electricity use would contribute indirectly to criteria air pollutant emissions; however, the emissions from electricity use are only quantified for GHGs in CalEEMod, since criteria pollutant emissions occur at the site of the power plant, which is typically off site. The O&M buildings are designed as all-electric; as such, no natural gas will be consumed during operation.

CalEEMod default values for energy consumption for each land use were applied for the project analysis. The energy use from nonresidential land uses is calculated in CalEEMod based on the Commercial Appliance Saturation Study (CAPCOA 2022). CalEEMod assumes compliance with the 2019 Title 24 building code standards.

### Mobile Sources

The project would generate air quality emissions from mobile sources (vehicular traffic) as a result of project employees. The project is anticipated to have up to 20 permanent employees in the O&M building. CalEEMod was used to estimate emissions from proposed vehicular sources (refer to Appendix A). It was also conservatively assumed that the project would receive 9 delivery trucks per day. CalEEMod default data, trip length, trip modes, fleet mix, and emissions factors were used for the model inputs. CalEEMod default vehicle emission factors and vehicle fleet mix for 2030 were used to estimate emissions associated with vehicular sources.

## 2.5 Impact Analysis

### 2.5.1 Would the Project Conflict with or Obstruct Implementation of the Applicable Air Quality Plan?

A project is nonconforming with an air quality plan if it conflicts with or delays implementation of any applicable attainment or maintenance plan. A project is conforming if it complies with all applicable SJVAPCD rules and regulations, complies with all proposed control measures that are not yet adopted from the applicable plan(s), and is consistent with the growth forecasts in the applicable plan(s) (or is directly included in the applicable plan). Zoning changes, specific plans, general plan amendments, and similar land use plan changes that do not increase dwelling unit density, do not increase vehicle trips, and do not increase VMT are also deemed to comply with the applicable air quality plan (SJVAPCD 2015a).

The project would comply with applicable SJVAPCD rules and regulations, such as Regulations VIII (Fugitive $PM_{10}$ Prohibitions) and IX (Mobile and Indirect Sources) which are discussed in detail in Section 2.2.3.1. According to the Kern County General Plan, the project site is designated as 4.1 (Accepted Community Plan Areas); 8.1 (Intensive Agriculture, Min. 20-Acre Parcel Size); 8.1/2.3 (8.1 (Intensive Agriculture, Min. 20-Acre Parcel Size/Shallow Groundwater); 8.3 (Extensive Agriculture, min. 20-acre parcel size); 8.4 (Mineral and Petroleum, Min. 5-Acre Parcel Size); and 8.5 (Resource Management, Min. 20- or 80-Acre Parcel Size). The project site is zoned A (Exclusive Agriculture). The project would require Conditional Use Permits to allow for construction of the solar facility on land designated for agricultural use. Following the approval of the Conditional Use Permits, the project would not conflict with existing land uses or result in population growth. In addition, the project would not result in a substantial increase in long-term trips or VMT in the area, as only 20 employees and 1 truck for deliveries would travel to and from the project site daily. Haul truck, vendor truck, and worker vehicle trips would be generated during the proposed construction activities but would cease after construction is completed. As discussed in Section 2.5.2, none of the criteria air pollutant emissions during construction would not exceed the SJVAPCD significance thresholds, with mitigation. During the longer-term operational phase, as discussed in Section 2.5.2, the increase in emissions would not exceed any significance threshold or violate any SJVAPCD rule or regulation.

## 2.5.2 Would the Project Result in a Cumulatively Considerable Net Increase of Any Criteria Pollutant for Which the Project Region is Non-attainment Under an Applicable Federal or State Ambient Air Quality Standard?

Past, present, and future development projects may contribute to adverse air quality impacts in the SJVAB on a cumulative basis. By its nature, air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and SJVAPCD develops and implements plans for future attainment of ambient air quality standards. Based on these considerations, project-level thresholds of significance for criteria pollutants are used in the determination of whether a project's individual emissions would have a cumulatively considerable contribution to air quality. If a project's emissions would exceed the applied significance thresholds, it would have a cumulatively considerable contribution. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant.

Construction and operation of the project would result in emissions of criteria air pollutants, which may result in a cumulatively considerable net increase in emissions of criteria air pollutants for which the SJVAB is designated as nonattainment under the NAAQS or CAAQS. As discussed in Section 2.3.1, the SJVAB has been designated as a nonattainment area for $O_3$, $PM_{10}$, and $PM_{2.5}$ under national and/or California standards. The following discussion quantitatively evaluates potential short-term construction and long-term operational impacts that would result from implementation of the project.

### Construction Emissions

Construction of the project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and ROG off-gassing) and off-site sources (i.e., vendor trucks and worker vehicle trips). Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and, for dust, the prevailing weather conditions. Therefore, such emission levels can only be approximately estimated with a corresponding uncertainty in precise ambient air quality impacts.

As discussed in Section 2.4.2.1, Construction Emissions, criteria air pollutant emissions associated with temporary construction activity were quantified using CalEEMod. Construction emissions were calculated for the estimated worst-case day over the construction period associated with each phase and reported as the annual emissions estimated during construction. Construction schedule assumptions, including phase type, duration, and sequencing, were based on information provided by the project applicant and are intended to represent a reasonable scenario based on the best information available. Default values provided in CalEEMod were used where detailed project information was not available.

Implementation of the project would generate air pollutant emissions from entrained dust, off-road equipment, vehicle emissions, architectural coatings, and asphalt pavement application. Entrained dust results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil, resulting in $PM_{10}$ and $PM_{2.5}$ emissions. The project would implement various dust control strategies and would be required to comply with SJVAPCD Regulation VIII to control dust emissions generated during grading activities. Proposed construction practices that would be employed to reduce fugitive dust emissions include watering of the active sites and unpaved roads two times per day, depending on weather

conditions, and restricting vehicle speed on unpaved roads to 15 miles per hour. Internal combustion engines used by construction equipment, vendor trucks (i.e., delivery trucks), and worker vehicles would result in emissions of ROGs, $NO_x$, CO, $PM_{10}$, and $PM_{2.5}$. Pursuant to Regulation VIII, Rule 8021, Section 6.3, the project would be required to develop, prepare, submit, obtain approval of, and implement a dust control plan, which would reduce fugitive dust impacts to less than significant for project construction.

Table 11 presents the estimated annual construction emissions generated during construction of the project, including decommissioning activities. Details of the emission calculations are provided in Appendix A.

**Table 11. Estimated Annual Construction Criteria Air Pollutant Emissions – Unmitigated**

| Year | ROG | $NO_x$ | CO | $SO_x$ | $PM_{10}$ | $PM_{2.5}$ |
|---|---|---|---|---|---|---|
| | Tons Per Year | | | | | |
| 2025 | 0.71 | 5.69 | 5.46 | 0.01 | 8.60 | 1.16 |
| 2026 | 2.24 | 16.29 | 19.83 | 0.04 | 26.10 | 3.61 |
| 2027 | 1.37 | 10.67 | 10.05 | 0.03 | 17.07 | 2.29 |
| 2028 | 1.91 | 13.97 | 21.07 | 0.05 | 27.11 | 3.42 |
| 2029 | 1.50 | 9.27 | 16.67 | 0.04 | 29.28 | 3.57 |
| 2030 | 0.60 | 3.44 | 6.39 | 0.02 | 12.98 | 1.58 |
| 2061[1] | 0.14 | 1.01 | 2.46 | 0.01 | 4.37 | 0.52 |
| 2062[1] | 0.95 | 7.11 | 16.23 | 0.04 | 28.02 | 3.33 |
| 2063[1] | 1.15 | 9.17 | 16.56 | 0.05 | 25.62 | 3.03 |
| **Maximum** | **2.24** | **16.96** | **21.07** | **0.05** | **29.28** | **3.64** |
| *SJVAPCD Threshold* | *10* | *10* | *100* | *27* | *15* | *15* |
| **Threshold Exceeded?** | **No** | ***Yes*** | **No** | **No** | ***Yes*** | **No** |
| Annual Emissions with ISR Compliance[1] | 2.24 | 13.57 | 21.07 | 0.05 | 16.10 | 3.64 |
| **Threshold Exceeded?** | **No** | ***Yes*** | **No** | **No** | ***Yes*** | **No** |

**Notes:** ROG = reactive organic gas; $NO_x$ = oxides of nitrogen; CO = carbon monoxide; $SO_x$ = sulfur oxides; $PM_{10}$ = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SJVAPCD = San Joaquin Valley Air Pollution Control District; ISR = Indirect Source Review.
See Appendix A for complete results.
These emissions reflect compliance with SJVAPCD's Rule 8021 fugitive dust control strategies, including watering of the project site and unpaved roads two times per day and restricting vehicle speed on unpaved roads to 15 miles per hour.
[1] While the emissions from decommissioning will take place in 2061-2063, they were modeled in 2047-2049 as CalEEMod does not have emission factors past 2050.
[2] This row reflects minimum required emissions reductions in $NO_x$ and $PM_{10}$ to comply with Rule 9510.

As shown in Table 11, annual construction emissions would not exceed the SJVAPCD significance thresholds for ROG, CO, $SO_x$, or $PM_{2.5}$; however, the project would exceed the threshold for NOx and $PM_{10}$. The project would also comply with SJVAPCD Rule 9510, Indirect Source Review, which requires large development projects to reduce exhaust emissions from construction equipment by 20% for $NO_x$ and 45% for $PM_{10}$, compared to the statewide average. When accounting for compliance with Rule 9510, emissions of NOx and $PM_{10}$ would not be reduced below levels of significance; thus, mitigation is required.

## Mitigation Measures

The following mitigation measures (MMs) are required to reduce emissions of NOx and $PM_{10}$ during construction:

MM-AQ-1 Construction Equipment. Prior to Kern County's approval of any construction-related permits, the project applicant or its designee shall place the following requirements on all plans, which shall be implemented during each construction phase to minimize diesel particulate matter emissions:

a. Heavy-duty diesel-powered construction equipment shall be equipped with Tier 4 Final or better diesel engines for all engines. The County shall verify and approve all pieces within the construction fleet that would not meet Tier 4 Final standards.

b. Vehicles in loading and unloading queues shall not idle for more than 5 minutes and shall turn their engines off when not in use to reduce vehicle emissions.

c. All construction equipment shall be properly tuned and maintained in accordance with manufacturer's specifications.

d. Construction equipment units that are less than 50 horsepower shall be electrical or natural-gas powered, to the extent feasible.

e. A construction dust control plan shall be developed to ensure construction traffic and equipment use is minimized to the extent practicable. The construction dust control plan shall include measures to reduce the amount of large pieces of equipment operating simultaneously during peak construction periods, schedule vendor and haul truck trips to occur during non-peak hours, establish dedicated construction parking areas to encourage carpooling and efficiently accommodate construction vehicles, identify alternative routes to reduce traffic congestion during peak-hour activities, and increase construction employee carpooling.

MM-AQ-2 Use of Dust Suppressants. The applicant shall apply a chemical dust suppressant to unpaved roads at the access driveways and the perimeter road at least monthly (duration shall be dependent upon manufacturers recommendations) during construction.

MM-AQ-3 Voluntary Emission Reduction Agreement. The project proponent shall enter into and implement a Voluntary Emission Reduction Agreement with the SJVAPCD to reduce emissions of oxides of nitrogen below 10 tons per year and reduce emissions of particulate matter with an aerodynamic diameter less than or equal to 10 microns to below 15 tons per year.

Table 12 presents the estimated annual construction emissions generated during construction of the project including **MM-AQ-1, MM-AQ-2,** and **MM-AQ-3**. Details of the emission calculations are provided in Appendix A.

**Table 12. Estimated Annual Construction Criteria Air Pollutant Emissions – Mitigated**

| Year | ROG | $NO_x$ | CO | $SO_x$ | $PM_{10}$ | $PM_{2.5}$ |
|---|---|---|---|---|---|---|
| | Tons Per Year | | | | | |
| 2025 | 0.25 | 1.65 | 7.03 | 0.01 | 8.39 | 0.97 |
| 2026 | 0.85 | 5.30 | 22.14 | 0.04 | 25.43 | 2.99 |
| 2027 | 0.40 | 3.24 | 12.60 | 0.03 | 16.56 | 1.89 |

## Table 12. Estimated Annual Construction Criteria Air Pollutant Emissions – Mitigated

| Year | ROG | $NO_x$ | CO | $SO_x$ | $PM_{10}$ | $PM_{2.5}$ |
|---|---|---|---|---|---|---|
| | Tons Per Year | | | | | |
| 2028 | 0.92 | 6.72 | 19.59 | 0.04 | 26.72 | 3.18 |
| 2029 | 0.89 | 5.16 | 19.21 | 0.04 | 29.03 | 3.44 |
| 2030 | 0.37 | 1.99 | 8.09 | 0.02 | 12.88 | 1.52 |
| 2061 | 0.07 | 0.57 | 2.98 | 0.01 | 4.36 | 0.51 |
| 2062 | 0.46 | 3.59 | 17.97 | 0.04 | 27.96 | 3.28 |
| 2063 | 0.37 | 3.02 | 12.22 | 0.03 | 25.58 | 3.00 |
| **Maximum** | **0.92** | **6.72** | **19.59** | **0.04** | **29.03** | **3.44** |
| *SJVAPCD Threshold* | *10* | *10* | *100* | *27* | *15* | *15* |
| **Threshold Exceeded?** | **No** | **No** | **No** | **No** | **Yes** | **No** |
| Annual Emissions with ISR Compliance[1] | 0.95 | 5.38 | 19.59 | 0.04 | 15.97 | 3.44 |
| **Threshold Exceeded?** | **No** | **No** | **No** | **No** | **Yes** | **No** |
| **VERA** | **N/A** | **N/A** | **N/A** | **N/A** | **0.97** | **N/A** |

**Notes:** ROG = reactive organic gas; $NO_x$ = oxides of nitrogen; CO = carbon monoxide; $SO_x$ = sulfur oxides; $PM_{10}$ = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SJVAPCD = San Joaquin Valley Air Pollution Control District; VERA = voluntary emissions reduction agreement; ISR = Indirect Source Review; <0.01 = reported value less than 0.01.
See Appendix A for complete results.
These emissions reflect compliance with SJVAPCD's Rule 8021 fugitive dust control strategies, including watering of the project site and unpaved roads two times per day and restricting vehicle speed on unpaved roads to 15 miles per hour.
Emissions include application of MM-AQ-1, MM-AQ-2, and MM-AQ-3.
[1] This row reflects minimum required emissions reductions in $NO_x$ and $PM_{10}$ to comply with Rule 9510.

As shown in Table 12, annual construction emissions with the implementation of **MM-AQ-1** and **MM-AQ-2** would not exceed the SJVAPCD significance thresholds for ROG, NOx, CO, $SO_x$, or $PM_{2.5}$; however, the project would still exceed the threshold for $PM_{10}$. The project would also comply with SJVAPCD Rule 9510, Indirect Source Review, which requires large development projects to reduce exhaust emissions from construction equipment by 20% for $NO_x$ and 45% for $PM_{10}$, compared to the statewide average. When accounting for compliance with Rule 9510, emissions of $PM_{10}$ would not be reduced below levels of significance. However, implementation of **MM-AQ-3** would reduce impacts related to project-generated construction emissions below SJVAPCD significance thresholds. The maximum daily emissions during construction onsite are shown in Table 13.

## Table 13. Maximum Daily Construction Criteria Air Pollutant Emissions – Unmitigated

| Year | ROG | $NO_x$ | CO | $SO_x$ | $PM_{10}$ | $PM_{2.5}$ |
|---|---|---|---|---|---|---|
| | Pounds Per Day | | | | | |
| **Summer** | | | | | | |
| 2025 | 10.55 | 71.88 | 55.29 | 0.13 | 6.70 | 3.55 |
| 2026 | 28.76 | 179.47 | 168.58 | 0.31 | 15.46 | 9.42 |
| 2027 | 7.26 | 53.06 | 39.39 | 0.11 | 4.81 | 2.72 |
| 2028 | 15.02 | 86.37 | 120.57 | 0.23 | 5.20 | 2.60 |
| 2029 | 10.03 | 37.01 | 60.50 | 0.15 | 4.04 | 1.53 |

## Table 13. Maximum Daily Construction Criteria Air Pollutant Emissions – Unmitigated

| Year | ROG | $NO_x$ | CO | $SO_x$ | $PM_{10}$ | $PM_{2.5}$ |
|---|---|---|---|---|---|---|
| | Pounds Per Day | | | | | |
| 2030 | 9.66 | 35.51 | 59.77 | 0.15 | 3.98 | 1.48 |
| 2061 | 6.71 | 33.27 | 93.56 | 0.18 | 3.50 | 1.04 |
| 2062 | 9.53 | 61.16 | 111.40 | 0.23 | 3.26 | 0.81 |
| **Winter** | | | | | | |
| 2025 | 10.21 | 72.15 | 57.27 | 0.13 | 6.70 | 3.55 |
| 2026 | 17.85 | 111.85 | 118.15 | 0.18 | 8.88 | 5.99 |
| 2027 | 24.58 | 161.50 | 156.57 | 0.29 | 13.50 | 8.54 |
| 2028 | 21.55 | 138.75 | 164.00 | 0.34 | 9.98 | 5.30 |
| 2029 | 22.56 | 117.00 | 186.27 | 0.38 | 8.55 | 3.50 |
| 2030 | 9.16 | 35.88 | 63.01 | 0.15 | 3.98 | 1.48 |
| 2061 | 6.71 | 34.39 | 95.61 | 0.18 | 3.57 | 1.10 |
| 2062 | 9.46 | 61.57 | 112.98 | 0.23 | 3.50 | 1.04 |
| 2063 | 9.46 | 61.49 | 112.97 | 0.23 | 3.26 | 0.81 |
| **Maximum** | **28.76** | **179.47** | **186.27** | **0.38** | **15.46** | **9.42** |
| *SJVAPCD Threshold* | *100* | *100* | *100* | *100* | *100* | *100* |
| **Threshold Exceeded?** | **No** | **Yes** | **Yes** | **No** | **No** | **No** |
| **Daily Emissions with ISR Compliance[1]** | 28.76 | 143.58 | 186.27 | 0.38 | 8.50 | 9.42 |
| **Threshold Exceeded?** | **No** | **Yes** | **Yes** | **No** | **No** | **No** |

**Notes:** ROG = reactive organic gas; $NO_x$ = oxides of nitrogen; CO = carbon monoxide; $SO_x$ = sulfur oxides; $PM_{10}$ = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SJVAPCD = San Joaquin Valley Air Pollution Control District; ISR = Indirect Source Review; <0.01 = reported value less than 0.01.
See Appendix A for complete results.
These emissions reflect compliance with SJVAPCD's Rule 8021 fugitive dust control strategies, including watering of the project site and unpaved roads twice times per day and restricting vehicle speed on unpaved roads to 15 miles per hour.
See Appendix A for complete results.
[1] This row reflects minimum required emissions reductions in $NO_x$ and $PM_{10}$ to comply with Rule 9510.

As shown in Table 13, the project would exceed the 100-pound-per-day screening threshold onsite for $NO_x$ and CO after assuming compliance with SJVAPCD Rule 9510. Table 14 shows the maximum daily construction emissions onsite including **MM-AQ-1** and **MM-AQ-2**.

## Table 14. Maximum Daily Construction Criteria Air Pollutant Emissions – Mitigated

| Year | ROG | $NO_x$ | CO | $SO_x$ | $PM_{10}$ | $PM_{2.5}$ |
|---|---|---|---|---|---|---|
| | Pounds Per Day | | | | | |
| **Summer** | | | | | | |
| 2025 | 3.53 | 10.34 | 79.27 | 0.13 | 3.48 | 0.61 |
| 2026 | 10.11 | 30.41 | 206.22 | 0.30 | 6.54 | 1.26 |
| 2027 | 1.54 | 8.58 | 59.64 | 0.10 | 2.30 | 0.43 |
| 2028 | 7.47 | 31.52 | 104.37 | 0.16 | 2.72 | 0.87 |
| 2029 | 6.20 | 11.65 | 88.52 | 0.14 | 2.99 | 0.59 |
| 2030 | 5.94 | 11.53 | 87.92 | 0.14 | 2.99 | 0.59 |
| 2061 | 3.58 | 12.46 | 119.26 | 0.17 | 3.05 | 0.65 |
| 2062 | 3.04 | 9.75 | 75.12 | 0.12 | 2.95 | 0.55 |
| **Winter** | | | | | | |
| 2025 | 3.19 | 10.62 | 81.24 | 0.13 | 3.48 | 0.61 |
| 2026 | 6.06 | 20.53 | 161.75 | 0.17 | 3.48 | 0.65 |
| 2027 | 7.30 | 29.20 | 190.63 | 0.28 | 5.35 | 1.09 |
| 2028 | 8.31 | 40.66 | 168.09 | 0.27 | 4.80 | 1.30 |
| 2029 | 12.14 | 43.47 | 199.11 | 0.30 | 6.23 | 1.41 |
| 2030 | 5.44 | 11.90 | 91.16 | 0.14 | 2.99 | 0.59 |
| 2061 | 3.51 | 12.79 | 120.87 | 0.17 | 3.05 | 0.65 |
| 2062 | 3.48 | 12.78 | 120.81 | 0.17 | 3.05 | 0.65 |
| 2063 | 2.96 | 10.08 | 76.69 | 0.12 | 2.95 | 0.55 |
| **Maximum** | **12.14** | **43.47** | **199.11** | **0.30** | **6.23** | **1.41** |
| *SJVAPCD Threshold* | *100* | *100* | *100* | *100* | *100* | *100* |
| **Threshold Exceeded?** | **No** | **No** | **Yes** | **No** | **No** | **No** |
| **Daily Emissions with ISR Compliance[1]** | 12.14 | 34.78 | 199.11 | 0.30 | 3.43 | 1.41 |
| **Threshold Exceeded?** | **No** | **No** | **Yes** | **No** | **No** | **No** |

**Notes:** ROG = reactive organic gas; $NO_x$ = oxides of nitrogen; CO = carbon monoxide; $SO_x$ = sulfur oxides; $PM_{10}$ = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SJVAPCD = San Joaquin Valley Air Pollution Control District; ISR = Indirect Source Review;<0.01 = reported value less than 0.01.
See Appendix A for complete results.
These emissions compliance with SJVAPCD's Rule 8021 fugitive dust control strategies, including watering of the project site and unpaved roads twice times per day and restricting vehicle speed on unpaved roads to 15 miles per hour.
See Appendix A for complete results.
[1] This row reflects minimum required emissions reductions in $NO_x$ and $PM_{10}$ to comply with Rule 9510.

As shown in Table 14, with mitigation, the project would exceed the 100-pound-per-day screening threshold for CO after assuming compliance with SJVAPCD Rule 9510. As such, an ambient air quality assessment is required and provided below.

## Construction Ambient Air Quality Impact Assessment

Although the project would not exceed the annual significance threshold established by the SJVAPCD for any criteria pollutant with the inclusion of mitigation, the project would emit more than 100 pounds of CO per day during construction. As recommended by the Guidance for Assessing and Mitigating Air Quality Impacts (SJVAPCD 2015a), an ambient air quality impacts assessment should be performed if any pollutants exceed 100 pounds per day during construction or operation. Maximum daily emissions were used as the basis for determining the project's potential impact on ambient air quality. Summary tables of annual and daily emissions associated with construction are included in Appendix A.

For the initial assessment (Step 1) of the ambient air quality impact analysis, the maximum background concentration for the project site for each pollutant and averaging period combination was added to the corresponding maximum ground level concentration (GLC) from project-related construction. The sum of these values was then compared to the corresponding ambient air quality standard. If the incremental increase in concentration from project-related sources did not cause an exceedance of an ambient air quality standard, then the analysis was complete for that source/receptor/pollutant combination. If the incremental increase in concentration from project-related sources caused an exceedance of an ambient air quality standard, then the analysis proceeded to Step 2. Step 2 was similar to Step 1, with one major difference. For this second step, the maximum GLC of each pollutant and averaging period combination were compared to its corresponding SIL. The SIL is used to evaluate whether the project's construction emissions would contribute to a violation of an ambient air quality standard, where the background level is close to or exceeds an ambient air quality standard. If the maximum GLC did not exceed the corresponding SIL, then the analysis was complete for that source/receptor/pollutant combination, and no further analysis was required. Table 15 presents a summary of the Air Quality Impact Assessment undertaken to determine whether construction activities associated with the project would cause or contribute to ambient air quality impacts.

## Table 15. Construction Air Quality Impact Assessment – Unmitigated

| Impact Parameter | Applicable Standard | Project Area Maximum Background Concentration (Years 2019 2021) | | Project Contribution (µg/m3) | Cumulative Concentration (µg/m3) | AAQS Threshold (µg/m3) | Step 1 Significance | SIL (µg/m3) | Step 2 Significance |
|---|---|---|---|---|---|---|---|---|---|
| | | ppmv | µg/m³ | | | | | | |
| 1-hour CO | State | 2.8 | 3,208 | 26.20 | 3,234 | 22,900 | PASS | 2000 | Step 1 |
| | Federal | 2.8 | 3,208 | 26.20 | 3,234 | 40,100 | PASS | 2000 | Step 1 |
| 8-hour CO | State | 1.6 | 1,833 | 10.30 | 1,843 | 10,300 | PASS | 500 | Step 1 |
| | Federal | 1.6 | 1,833 | 10.30 | 1,843 | 10,300 | PASS | 500 | Step 1 |
| 1-hour $NO_2$ | State | 0.049 | 92 | 20.19 | 112 | 339 | PASS | 7.5 | Step 1 |
| | Federal | 0.049 | 92 | 20.19 | 112 | 188 | PASS | 7.5 | Step 1 |
| Annual $NO_2$ | State | 0.008 | 15 | 2.33 | 18 | 57 | PASS | 1 | Step 1 |
| | Federal | 0.008 | 15 | 2.33 | 17 | 100 | PASS | 1 | Step 1 |
| 1-hour $SO_2$ | State | 0.016 | 42 | 0.05 | 42 | 655 | PASS | 7.5 | Step 1 |
| | Federal | 0.016 | 42 | 0.05 | 42 | 196 | PASS | 7.8 | Step 1 |
| 24-Hour $SO_2$ | State | 0.002 | 5 | 0.01 | 5 | 105 | PASS | 5 | Step 1 |
| | Federal | 0.002 | 5 | 0.01 | 5 | 367 | PASS | 5 | Step 1 |
| Annual $SO_2$ | Federal | 0.000 | 1 | 0.00 | 1 | 79 | PASS | 1 | Step 1 |
| 24-hour $PM_{10}$ - Exhaust | State | ND | 439 | 0.36 | 440 | 50 | Step 2 | 5 | PASS |
| | Federal | ND | 438 | 0.36 | 438 | 150 | Step 2 | 5 | PASS |
| 24-hour $PM_{10}$ - Fugitive | State | ND | 439 | 0.23 | 440 | 50 | Step 2 | 10.4 | PASS |
| | Federal | ND | 438 | 0.23 | 438 | 150 | Step 2 | 10.4 | PASS |
| Annual $PM_{10}$ - Exhaust | State | ND | 49 | 0.12 | 49 | 20 | Step 2 | 1 | PASS |
| Annual $PM_{10}$ - Fugitive | State | ND | 49 | 0.08 | 49 | 20 | Step 2 | 2.08 | PASS |
| 24-hour $PM_{2.5}$ - Exhaust | Federal | ND | 151 | 0.33 | 151 | 35 | Step 2 | 1.2 | PASS |
| 24-hour $PM_{2.5}$ - Fugitive | Federal | ND | 151 | 0.03 | 151 | 35 | Step 2 | 2.5 | PASS |
| Annual $PM_{2.5}$ - Exhaust | State | ND | 20 | 0.11 | 20 | 12 | Step 2 | 0.2 | PASS |
| | Federal | ND | 20 | 0.11 | 20 | 9 | Step 2 | 0.2 | PASS |
| Annual $PM_{2.5}$ - Fugitive | State | ND | 20 | 0.01 | 20 | 12 | Step 2 | 0.63 | PASS |
| | Federal | ND | 20 | 0.01 | 20 | 9 | Step 2 | 0.63 | PASS |

**Source:** See Appendix C.

**Notes:** ppmv = parts per million by volume; µg/m³ = micrograms per cubic meter; AAQS = Ambient Air Quality Standards; SIL = Significant Impact Level; CO = carbon monoxide; $NO_2$ = nitrogen dioxide; $SO_2$ = sulfur dioxide; $PM_{10}$ = particulate matter with an aerodynamic diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns; ND = insufficient data available to determine the value.

As shown in Table 15, the unmitigated construction emissions would not exceed the SILs for any pollutant. Table 16 shows the mitigated construction emissions including application of **MM-AQ-1** and **MM-AQ-2.**

## Table 16. Construction Air Quality Impact Assessment – Mitigated

| Impact Parameter | Applicable Standard | Project Area Maximum Background Concentration (Years 2019 2021) | | Project Contribution (µg/m3) | Cumulative Concentration (µg/m3) | AAQS Threshold (µg/m3) | Step 1 Significance | SIL (µg/m3) | Step 2 Significance |
|---|---|---|---|---|---|---|---|---|---|
| | | ppmv | µg/m³ | | | | | | |
| 1-hour CO | State | 2.8 | 3,208 | 28.00 | 3,236 | 22,900 | PASS | 2000 | Step 1 |
| | Federal | 2.8 | 3,208 | 28.00 | 3,236 | 40,100 | PASS | 2000 | Step 1 |
| 8-hour CO | State | 1.6 | 1,833 | 11.01 | 1,844 | 10,300 | PASS | 500 | Step 1 |
| | Federal | 1.6 | 1,833 | 11.01 | 1,844 | 10,300 | PASS | 500 | Step 1 |
| 1-hour $NO_2$ | State | 0.049 | 92 | 4.89 | 97 | 339 | PASS | 7.5 | Step 1 |
| | Federal | 0.049 | 92 | 4.89 | 97 | 188 | PASS | 7.5 | Step 1 |
| Annual $NO_2$ | State | 0.008 | 15 | 0.57 | 16 | 57 | PASS | 1 | Step 1 |
| | Federal | 0.008 | 15 | 0.57 | 16 | 100 | PASS | 1 | Step 1 |
| 1-hour $SO_2$ | State | 0.016 | 42 | 0.04 | 42 | 655 | PASS | 7.5 | Step 1 |
| | Federal | 0.016 | 42 | 0.04 | 42 | 196 | PASS | 7.8 | Step 1 |
| 24-Hour $SO_2$ | State | 0.002 | 5 | 0.01 | 5 | 105 | PASS | 5 | Step 1 |
| | Federal | 0.002 | 5 | 0.01 | 5 | 367 | PASS | 5 | Step 1 |
| Annual $SO_2$ | Federal | 0.000 | 1 | 0.00 | 1 | 79 | PASS | 1 | Step 1 |
| 24-hour $PM_{10}$ - Exhaust | State | ND | 439 | 0.03 | 439 | 50 | Step 2 | 5 | PASS |
| | Federal | ND | 438 | 0.03 | 438 | 150 | Step 2 | 5 | PASS |
| 24-hour $PM_{10}$ - Fugitive | State | ND | 439 | 0.21 | 440 | 50 | Step 2 | 10.4 | PASS |
| | Federal | ND | 438 | 0.21 | 438 | 150 | Step 2 | 10.4 | PASS |
| Annual $PM_{10}$ - Exhaust | State | ND | 49 | 0.01 | 49 | 20 | Step 2 | 1 | PASS |
| Annual $PM_{10}$ - Fugitive | State | ND | 49 | 0.07 | 49 | 20 | Step 2 | 2.08 | PASS |

## Table 16. Construction Air Quality Impact Assessment – Mitigated

| Impact Parameter | Applicable Standard | Project Area Maximum Background Concentration (Years 2019 2021) | | Project Contribution (µg/m3) | Cumulative Concentration (µg/m3) | AAQS Threshold (µg/m3) | Step 1 Significance | SIL (µg/m3) | Step 2 Significance |
|---|---|---|---|---|---|---|---|---|---|
| | | ppmv | µg/m³ | | | | | | |
| 24-hour $PM_{2.5}$ - Exhaust | Federal | ND | 151 | 0.03 | 151 | 35 | Step 2 | 1.2 | PASS |
| 24-hour $PM_{2.5}$ - Fugitive | Federal | ND | 151 | 0.02 | 151 | 35 | Step 2 | 2.5 | PASS |
| Annual $PM_{2.5}$ - Exhaust | State | ND | 20 | 0.01 | 20 | 12 | Step 2 | 0.2 | PASS |
| | Federal | ND | 20 | 0.01 | 20 | 9 | Step 2 | 0.2 | PASS |
| Annual $PM_{2.5}$ - Fugitive | State | ND | 20 | 0.01 | 20 | 12 | Step 2 | 0.63 | PASS |
| | Federal | ND | 20 | 0.01 | 20 | 9 | Step 2 | 0.63 | PASS |

**Source:** See Appendix C.

**Notes:** ppmv = parts per million by volume; ug/m³ = micrograms per cubic meter; AAQS = Ambient Air Quality Standards; SIL = Significant Impact Level; CO = carbon monoxide; $NO_2$ = nitrogen dioxide; $SO_2$ = sulfur dioxide; $PM_{10}$ = particulate matter with an aerodynamic diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns; ND = insufficient data available to determine the value.

As demonstrated in Table 16, the project would result in construction activities that would generate ambient concentrations of criteria pollutant below the applicable thresholds with application of **MM-AQ-1** and **MM-AQ-2.**

### Construction Emissions Dispersion Modeling

As discussed in Section 2.4.2.1.2, in accordance with the County's CEQA Guidelines, the maximum 24-hour average concentration of $PM_{10}$ and $PM_{2.5}$ was modeled at the project boundary and compared to the NAAQS or CAAQS, whichever is more stringent. Table 17 shows the results of the dispersion modeling.

**Table 17. Construction Emissions Dispersion Modeling Results – Unmitigated**

| | $PM_{10}$ | $PM_{2.5}$ |
|---|---|---|
| | µg/m³ | |
| Construction Emissions | 0.26 | 0.10 |
| *Threshold* | *50*[1] | *35*[2] |
| **Threshold Exceeded?** | **No** | **No** |

**Notes:** $PM_{10}$ = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; µg/m³ = micrograms per cubic meter.
See Appendix D for complete results.
1 The CAAQS for $PM_{10}$ is 50 µg/m³ and the NAAQS is 150 µg/m³ for the 24-hour averaging period.
2 The NAAQS for $PM_{2.5}$ is 35 µg/m³ for the 24-hour averaging time. There is no $PM_{2.5}$ CAAQS for the 24-hour averaging period.

As shown in Table 17, the maximum unmitigated concentrations of $PM_{10}$ and $PM_{2.5}$ emissions at the project boundary during construction would not exceed the NAAQS or CAAQS. Table 18 shows the maximum mitigated concentrations of $PM_{10}$ and $PM_{2.5}$ at the project boundary during construction, with the inclusion of **MM-AQ-1** and **MM-AQ-2**.

**Table 18. Construction Emissions Dispersion Modeling Results – Mitigated**

| | $PM_{10}$ | $PM_{2.5}$ |
|---|---|---|
| | µg/m³ | |
| Construction Emissions | 0.10 | 0.02 |
| *Threshold* | *50*[1] | *35*[2] |
| **Threshold Exceeded?** | **No** | **No** |

**Notes:** $PM_{10}$ = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; µg/m³ = micrograms per cubic meter.
See Appendix D for complete results.
1 The CAAQS for $PM_{10}$ is 50 µg/m³ and the NAAQS is 150 µg/m³ for the 24-hour averaging period.
2 The NAAQS for $PM_{2.5}$ is 35 µg/m³ for the 24-hour averaging time. There is no $PM_{2.5}$ CAAQS for the 24-hour averaging period.

As shown in Table 18, the maximum mitigated concentrations of $PM_{10}$ and $PM_{2.5}$ emissions at the project boundary during construction would not exceed the NAAQS or CAAQS.

### Operational Emissions

Operation of the project would generate ROG, $NO_x$, CO, $SO_x$, $PM_{10}$, and $PM_{2.5}$ emissions from mobile sources, including vehicle trips from passenger vehicles and heavy-duty trucks; and area sources, including the use of consumer products and landscape maintenance equipment. Note that the project does not result in energy emissions; as the project would generate solar energy, it would not require natural gas appliances. Table 19 presents the annual area and mobile emissions associated with operation (year 2030) of the project. Details of the emission calculations are provided in Appendix A.

## Table 19. Estimated Annual Operational Criteria Air Pollutant Emissions – Unmitigated

| Emission Source | ROG | $NO_x$ | CO | $SO_x$ | $PM_{10}$ | $PM_{2.5}$ |
|---|---|---|---|---|---|---|
| Mobile | 0.02 | 0.38 | 0.45 | 0.00 | 0.25 | 0.07 |
| Area | 0.25 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total** | **0.27** | **0.38** | **0.66** | **0.00** | **0.25** | **0.07** |
| *SJVAPCD Threshold* | *10* | *10* | *100* | *27* | *15* | *15* |
| **Threshold Exceeded?** | **No** | **No** | **No** | **No** | **No** | **No** |

**Notes**: ROG = reactive organic compound; $NO_x$ = oxides of nitrogen; CO = carbon monoxide; $SO_x$ = sulfur oxides; $PM_{10}$ = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SJVAPCD = San Joaquin Valley Air Pollution Control District; <0.01 = reported value less than 0.01.
See Appendix A for complete results.
Totals may not sum due to rounding.

As shown in Table 19, the combined annual area and mobile source emissions would not exceed the SJVAPCD's operational thresholds for ROG, $NO_x$, CO, $SO_x$, $PM_{10}$, and $PM_{2.5}$.

The SJVAPCD recommends that an ambient air quality assessment be performed when on-site emissions of any criteria pollutant would equal or exceed any applicable threshold of significance for criteria pollutants or 100 pounds per day of any criteria pollutant (SJVAPCD 2015a). The results of the screening analysis are presented in Table 20.

## Table 20. Estimated Maximum Daily Operational Criteria Air Pollutant Emissions – Unmitigated

| Source | ROG | $NO_x$ | CO | $SO_x$ | $PM_{10}$ | $PM_{2.5}$ |
|---|---|---|---|---|---|---|
| | Pounds Per Day | | | | | |
| **Summer** | | | | | | |
| Mobile | 0.14 | 1.97 | 3.29 | 0.02 | 1.41 | 0.39 |
| Area | 1.59 | 0.02 | 2.31 | 0.00 | 0.00 | 0.00 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total** | 1.73 | 1.99 | 5.60 | 0.02 | 1.41 | 0.39 |
| **Winter** | | | | | | |
| Mobile | 0.13 | 2.13 | 2.24 | 0.03 | 1.41 | 0.39 |
| Area | 1.21 | ND | ND | ND | ND | ND |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total** | 1.33 | 2.13 | 2.24 | 0.02 | 1.41 | 0.39 |
| *SJVAPCD Threshold* | *100* | *100* | *100* | *100* | *100* | *100* |
| **Threshold Exceeded?** | **No** | **No** | **No** | **No** | **No** | **No** |

**Notes:** ROG = reactive organic gas; $NO_x$ = oxides of nitrogen; CO = carbon monoxide; $SO_x$ = sulfur oxides; $PM_{10}$ = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SJVAPCD = San Joaquin Valley Air Pollution Control District; ND = insufficient data available to determine the value; <0.01 = reported value less than 0.01.
See Appendix A for complete results.
The values shown are the maximum summer or winter daily emissions results from CalEEMod.

As indicated in Table 20, the project would not exceed 100 pounds per day on site for ROG, $NO_x$, CO, $SO_x$, $PM_{10}$, or $PM_{2.5}$ during operation; therefore, the project would not require an ambient air quality assessment during operation.

### Health Effects

Project construction (with mitigation) and operation would not exceed SJVAPCD thresholds for ROG, $NO_x$, CO, $SO_x$, $PM_{10}$, or $PM_{2.5}$. ROGs and $NO_x$ are precursors to $O_3$, for which the SJVAB is designated as nonattainment with respect to the NAAQS and CAAQS. The health effects associated with $O_3$ are generally associated with reduced lung function. The contribution of ROGs and $NO_x$ to regional ambient $O_3$ concentrations is the result of complex photochemistry. The increases in $O_3$ concentrations in the SJVAB due to $O_3$ precursor emissions tend to be found downwind from the source location, which allows time for the photochemical reactions to occur. However, the potential for exacerbating excessive $O_3$ concentrations would also depend on the time of year that the ROG emissions would occur, because exceedances of the $O_3$ CAAQS/NAAQS tend to occur between April and October, when solar radiation is highest. The holistic effect of a single project's emissions of $O_3$ precursors is speculative due to the lack of quantitative methods to assess this impact. Since construction (with mitigation) and operation of the project would not exceed the SJVAPCD threshold for ROG or $NO_x$, implementation of the project would not contribute to regional $O_3$ concentrations and the associated health effects.

Operation of the project would not contribute to exceedances of the NAAQS and CAAQS for $NO_2$. Health effects that result from $NO_2$ and $NO_x$ include respiratory irritation, which could be experienced by nearby receptors during the periods of heaviest use of off-road construction equipment. However, project construction would be relatively short term; off-road construction equipment would be operating at various portions of the site and would not be concentrated in one portion of the site at any one time. In addition, existing $NO_2$ concentrations in the area are well below the NAAQS and CAAQS. Due to the project not exceeding thresholds of $NO_x$, the project would not result in potential health effects associated with $NO_2$ and $NO_x$.

CO tends to be a localized impact associated with congested intersections. The associated potential for CO hotspots was discussed previously and was determined to be a less-than-significant impact. Furthermore, the existing CO concentrations in the area are well below the NAAQS and CAAQS standards. Thus, the project's CO emissions would not contribute to significant health effects associated with this pollutant.

Construction and operation of the project would also not exceed thresholds (with mitigation) for $PM_{10}$ or $PM_{2.5}$ and would not contribute to exceedances of the NAAQS and CAAQS for particulate matter or obstruct the SJVAB from coming into attainment for these pollutants. The project would also not result in substantial DPM emissions during construction and operation, and therefore, would not result in significant health effects related to DPM exposure. Additionally, the project would implement dust control strategies and be required to comply with SJVAPCD Regulation VIII, which limits the amount of fugitive dust generated during construction. Pursuant to Regulation VIII, Rule 8021, Section 6.3, the project would be required to develop, prepare, submit, obtain approval of, and implement a dust control plan, which would reduce fugitive dust impacts. Due to the minimal contribution of particulate matter during construction and operation, the project is not anticipated to result in health effects associated with $PM_{10}$ or $PM_{2.5}$.

In summary, because construction and operation of the project would not result in exceedances of the SJVAPCD significance thresholds. Notably, there are numerous scientific and technological complexities associated with correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional

nonattainment days, and there are currently no modeling tools that could provide reliable and meaningful additional information regarding health effects from criteria air pollutants generated by individual projects.

## 2.5.3 Would the Project Expose Sensitive Receptors to Substantial Pollutant Concentrations?

### Health Impacts of Carbon Monoxide

As described previously, exposure to high concentrations of CO can result in dizziness, fatigue, chest pain, headaches, and impairment of central nervous system functions. Mobile-source impacts, including those related to CO, occur essentially on two scales of motion. Regionally, project-related construction travel would add to regional trip generation and increase the VMT within the local airshed and the SJVAB. Locally, construction traffic would be added to the roadway system in the vicinity of the project Site. Although the SJVAB is currently an attainment area for CO, there is a potential for the formation of microscale CO "hotspots" to occur immediately around points of congested traffic. Hotspots can form if such traffic occurs during periods of poor atmospheric ventilation, is composed of a large number of vehicles cold-started and operating at pollution-inefficient speeds, and/or is operating on roadways crowded with non-project traffic. Because of continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SJVAB is steadily decreasing.

The SJVAPCD Guidance for Assessing and Mitigating Air Quality Impacts states that a quantitative CO hotspots analysis be performed if either of the following two conditions exist: (1) a traffic study for the project indicates that the LOS on one or more streets or at one or more intersections in the project vicinity will be reduced to LOS E or F, or (2) a traffic study indicates that the project will substantially worsen an already existing LOS F on one or more streets or at one or more intersections in the project vicinity (SJVAPCD 2015a). The project would cause a temporary increase in traffic during the 60-month construction period. However, the project would only result in 40 additional daily trips (20 personnel) during operation plus a conservative assumption of approximately 9 truck deliveries per day. Therefore, the project would not materially contribute to the local traffic or impact local intersections' LOS.

### Health Impacts of Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute (immediate) and/or chronic (cumulative) noncancer health effects. A toxic substance released into the air is considered a TAC. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as automobiles; and area sources such as landfills. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced upon either short-term (acute) or long-term (chronic) exposure to a given TAC.

TACs are identified by federal and state agencies based on a review of available scientific evidence. In the state of California, TACs are identified through a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of risk identification and risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics "Hot Spots" Information and Assessment Act, Assembly Bill 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs into the atmosphere.

As discussed in Section 2.4.2.1.1, a construction HRA was performed to estimate the maximum individual cancer risk and the Chronic Hazard Index for proximate sensitive receptors as a result of project construction. Results of the construction HRA are presented in Table 21, Construction Health Risk Assessment Results – Unmitigated.

**Table 21. Construction Health Risk Assessment Results – Unmitigated**

| Impact Parameter | Units | Project Impact | CEQA Threshold | Level of Significance |
|---|---|---|---|---|
| Maximum Individual Cancer Risk – Residential | Per Million | 2.0 | 20 | Less than Significant |
| Chronic Hazard Index – Residential | Index Value | 0.001 | 1.0 | Less than Significant |

**Source**: SJVAPCD 2015.
**Note**: CEQA = California Environmental Quality Act.
See Appendix B.

As shown in Table 21, project construction activities would result in a residential maximum individual cancer risk of 2.0 in 1 million, which is less than the significance threshold of 20 in 1 million. Project construction would result in a Residential Chronic Hazard Index of 0.001, which is below the 1.0 significance threshold. The project construction TAC health risk impacts would be less than significant. Table 22 shows the results of the construction HRA including **MM-AQ-1**.

**Table 22. Construction Health Risk Assessment Results – Mitigated**

| Impact Parameter | Units | Project Impact | CEQA Threshold | Level of Significance |
|---|---|---|---|---|
| Maximum Individual Cancer Risk – Residential | Per Million | 0.2 | 20 | Less than Significant |
| Chronic Hazard Index – Residential | Index Value | 0.0001 | 1.0 | Less than Significant |

**Source**: SJVAPCD 2015.
**Note**: CEQA = California Environmental Quality Act.
See Appendix B.

As shown in Table 22, project construction activities would result in a residential maximum individual cancer risk of 0.2 in 1 million, which is less than the significance threshold of 20 in 1 million. Project construction would result in a Residential Chronic Hazard Index of 0.0001, which is below the 1.0 significance threshold. The project construction TAC health risk impacts would be less than significant with mitigation.

During operation, the project would not emit TAC emissions in substantial quantities; because the operational emissions would consist of area source emissions from consumer products and from employees commuting, the majority of those emissions are offsite.

### Valley Fever

The project site is located in an area where there is a high risk of valley fever, a fungal-borne disease. The disease is caused by inhalation of dust containing the *Coccidioides immitis*, a fungal spore. Most people who are exposed have no or very mild systems; however, in a small percentage of the population, it can generate more serious systems of meningitis, pneumonia, or chronic fatigue. As discussed in Section 2.1.2.2, the average incidence rate of valley fever within

the County is above the statewide average. Construction of the project would comply with SJVAPCD Regulation VIII (Fugitive $PM_{10}$ Prohibition), which requires fugitive dust sources to implement best available control measures for all sources and prohibits all forms of visible particulate matter from crossing any property line. SJVAPCD Regulation VIII is intended to reduce $PM_{10}$ emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. The nearest sensitive-receptor land use (existing residence) is located within 50 feet of the project site. Pursuant to Regulation VIII, Rule 8021, Section 6.3, the project would be required to develop, prepare, submit, obtain approval of, and implement a dust control plan, which would control the release of the *Coccidioides immitis* fungus during construction activities. Construction workers have increased risk of exposure, because this job results in the disturbance of soils where fungal spores are found. Valley fever infection rates are highest in California from June to November, and the illness is endemic in the County. Therefore, a risk of valley fever infection exists for construction personnel working on the project in the peak summer and fall months. Therefore, mitigation is required.

## Mitigation Measures

The following mitigation is provided to reduce the impacts to construction workers and nearby sensitive receptors.

MM-AQ-4 Between June 1 and November 30, when valley fever rates of infection are the highest, additional dust suppression measures (such as additional water or the application of additional soil stabilizer) will be implemented prior to and immediately following ground-disturbing activities if wind speeds exceed 15 mph or temperatures exceed 95°F for 3 consecutive days. The additional dust suppression will continue until winds are 10 mph or lower and outdoor air temperatures are below 90°F for at least 2 consecutive days. The additional dust suppression measures will be incorporated into the dust control plan.

MM-AQ-5 Prior to any project grading activity, the primary project construction contractor will prepare and implement a worker training program that describes potential health hazards associated with valley fever, common symptoms, proper safety procedures to minimize health hazards, and notification procedures if suspected work-related symptoms are identified during construction. The worker training program will identify safety measures to be implemented by construction contractors during construction. Safety measures will include the following:

- Provide HEPA-filtered air-conditioned enclosed cabs on heavy equipment. Train workers on proper use of cabs, such as turning on air conditioning prior to using the equipment.
- Provide communication methods, such as two-way radios, for use by workers in enclosed cabs.
- Provide personal protective equipment, such as half-mask and/or full-mask respirators equipped with particulate filtration, to workers active in dusty work areas.
- Provide separate, clean, eating areas with hand-washing facilities for construction workers.
- Clean equipment, vehicles, and other items before they are moved off site to other work locations.
- Provide training for construction workers so they can recognize the symptoms of valley fever and promptly report suspected symptoms of work-related valley fever to a supervisor.
- Direct workers that exhibit valley fever symptoms to immediately seek a medical evaluation.

- Prior to initiating any grading, the construction contractor will provide the Kern County program manager with copies of all educational training material.

### Level of Significance After Mitigation

With implementation of MM-AQ-4 and MM-AQ-5, the risk of workers and nearby sensitive receptors being exposed to valley fever spores would be reduced.

## 2.5.4 Would the Project Result in Other Emissions (Such as Those Leading to Odors) Adversely Affecting a Substantial Number of People?

The analysis of the project's potential to result in other emissions is focused on potential odor impacts. The project would not generate any other emissions not already evaluated herein that would adversely affect a substantial number of people. The occurrence and severity of potential odor impacts depend on numerous factors. The nature, frequency, and intensity of the source; the wind speeds and direction; and the sensitivity of receiving location each contribute to the intensity of the impact. Although offensive odors seldom cause physical harm, they can be annoying, cause distress among the public, and generate citizen complaints. As shown in Table 5, the minimum distance for facilities known to generate odors is 1 mile. Although the nearest sensitive receptors are located within 50 feet of the project site, construction equipment would not remain in one location for an extended period.

Odors would be potentially generated from vehicles and equipment exhaust emissions during construction of the project. Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment. Such odors would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people.

Land uses and industrial operations that are associated with odor complaints include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding (see Table 5). As discussed above, the project would not include land uses that generate odors during operation.

## 2.5.5 Cumulative Impacts Summary

The Kern County Planning and Natural Resources Department's Guidelines for Preparing an Air Quality Assessment for Use in Environmental Impact Reports (Kern County 2006) requires a cumulative air quality assessment to consider localized impacts, determine consistency with existing air quality plans, and provide SJVAB and Kern County emission comparison tables. In addition, the SJVAPCD's Guidance for Assessing and Mitigating Air Quality Impacts (SJVAPCD 2015) recommends accessing cumulative impacts by evaluating past, present, and reasonably foreseeable projects in the future that may impact air quality in correlation with the proposed project. Cumulative impacts are defined by CEQA as two or more individual effects that when considered together cause considerable impacts. The cumulative impact of NOx, ROG, CO, PM10, and TACs are cumulatively evaluated for this assessment.

The geographic extent for considering cumulative regional air quality impacts would include Kern County as well as the SJVAB, within which the project is located. For the assessment of localized cumulative air quality impacts, Kern

County's Guidelines for Preparing an Air Quality Assessment for Use in Environmental Impact Reports recommends that the assessment include projects located within a one-mile and six-mile radius of the project boundaries, as well as similar development projects located within the SJVAB. The list of cumulative projects included in this analysis was provided by the County and every attempt to acquire and quantify the corresponding emissions for these projects was made, based on available environmental documentation at the time this report was prepared. However, no emissions data or estimated periods of construction and operation for these projects were available.

A list-type approach works well for the evaluation of some environmental issues, such as the evaluation of localized pollutant concentrations. However, because cumulative air quality impacts are a result of multiple types of land uses and sources of emissions, other than just industrial warehouses, this approach may not be appropriate for the analysis of cumulative regional air quality impacts. For the evaluation of cumulative regional air quality impacts and in accordance with the SJVAPCD-recommended guidance, projects that exceed project-specific annual thresholds would also be considered to have a cumulatively considerable impact.

As discussed above, the construction emissions generated by the project individually would not exceed SJVAPCD thresholds. With regard to project level construction emissions of ROG, NOX, CO, SOX, PM10, and PM2.5, during both construction and operations are below SJVAPCD's significance thresholds, often by an order of magnitude. Implementation of Mitigation Measures to the solar field component of the project would further reduce impacts below thresholds. As such, it was determined that the project would not obstruct SJVAPCD's ability to achieve further progress toward attainment of the state standards. However, potential cumulative impacts to air quality could occur from construction and operation of the proposed project in combination with regional growth projections and other projects within 6 miles of the project in the same air basin. It is speculative to determine how exceeding the regional thresholds would affect the number of days the region is in nonattainment since mass emissions are not correlated with concentrations of emissions or how many additional individuals in the air basin would be affected by the health impacts mentioned. The SJVAPCD is the primary agency responsible for ensuring the health and welfare of sensitive individuals to elevated concentrations of air quality in the San Joaquin Valley Air Basin at the present time and it has not provided methodology to assess the specific correlation between mass emission generated and the effect on public health and welfare.

INTENTIONALLY LEFT BLANK

# 3 Greenhouse Gas Emissions

## 3.1 Environmental Setting

### 3.1.1 Climate Change Overview

Climate change refers to any significant change in measures of climate, such as temperature, precipitation, or wind patterns, lasting for an extended period of time (i.e., decades or longer). The Earth's temperature depends on the balance between energy entering and leaving the planet's system. Many factors, both natural and human, can cause changes in Earth's energy balance, including variations in the sun's energy reaching Earth, changes in the reflectivity of Earth's atmosphere and surface, and changes in the greenhouse effect, which affects the amount of heat retained by Earth's atmosphere (EPA 2017a).

The greenhouse effect is the trapping and buildup of heat in the atmosphere (troposphere) near the Earth's surface. The greenhouse effect traps heat in the troposphere through a threefold process as follows: Short-wave radiation emitted by the Sun is absorbed by the Earth, the Earth emits a portion of this energy in the form of long-wave radiation, and GHGs in the upper atmosphere absorb this long-wave radiation and emit it into space and toward the Earth. The greenhouse effect is a natural process that contributes to regulating the Earth's temperature and creates a pleasant, livable environment on the Earth. Human activities that emit additional GHGs to the atmosphere increase the amount of infrared radiation that gets absorbed before escaping into space, thus enhancing the greenhouse effect and causing the Earth's surface temperature to rise.

The scientific record of the Earth's climate shows that the climate system varies naturally over a wide range of time scales and that, in general, climate changes prior to the Industrial Revolution in the 1700s can be explained by natural causes such as changes in solar energy, volcanic eruptions, and natural changes in GHG concentrations. However, recent climate changes, in particular the warming observed over the past century, cannot be explained by natural causes alone. Rather, it is extremely likely that human activities have been the dominant cause of that warming since the mid-twentieth century and are the most significant driver of observed climate change (IPCC 2013; EPA 2017a). Human influence on the climate system is evident from the increasing GHG concentrations in the atmosphere, positive radiative forcing, observed warming, and improved understanding of the climate system (IPCC 2013). The atmospheric concentrations of GHGs have increased to levels unprecedented in the last 800,000 years, primarily from fossil fuel emissions and secondarily from emissions associated with land use changes (IPCC 2013). Continued emissions of GHGs will cause further warming and changes in all components of the climate system, which is discussed further in Section 3.3.2, Potential Effects of Climate Change.

### 3.1.2 Greenhouse Gases

A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHGs trap heat in the atmosphere. As defined in California Health and Safety Code, Section 38505(g), for purposes of administering many of the state's primary GHG emissions reduction programs, GHGs include carbon dioxide ($CO_2$), $CH_4$, $N_2O$, hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride ($SF_6$), and nitrogen trifluoride (See also CEQA Guidelines, Section 15364.5.) Some GHGs, such as $CO_2$, $CH_4$, and $N_2O$, occur naturally and are emitted into the atmosphere through natural processes and human activities. Of these gases, $CO_2$ and $CH_4$ are emitted in the greatest quantities from human activities. Manufactured GHGs, which have a much greater heat-absorption

potential than $CO_2$, include fluorinated gases, such as HFCs, PFCs, and $SF_6$, which are associated with certain industrial products and processes. The following paragraphs provide a summary of the most common GHGs and their sources.[9]

**Carbon Dioxide.** $CO_2$ is a naturally occurring gas and a by-product of human activities; it is the principal anthropogenic GHG that affects the Earth's radiative balance. Natural sources of $CO_2$ include respiration of bacteria, plants, animals, and fungus; evaporation from oceans; volcanic out-gassing; and decomposition of dead organic matter. Human activities that generate $CO_2$ are from the combustion of fuels such as coal, oil, natural gas, and wood, and changes in land use.

**Methane.** $CH_4$ is produced through both natural and human activities. $CH_4$ is a flammable gas and is the main component of natural gas. Methane is produced through anaerobic (without oxygen) decomposition of waste in landfills, flooded rice fields, animal digestion, decomposition of animal wastes, production and distribution of natural gas and petroleum, coal production, and incomplete fossil fuel combustion.

**Nitrous Oxide.** $N_2O$ is produced through natural and human activities, mainly through agricultural activities and natural biological processes, although fuel burning and other processes also create $N_2O$. Sources of $N_2O$ include soil cultivation practices (microbial processes in soil and water), especially the use of commercial and organic fertilizers, manure management, industrial processes (such as in nitric acid production, nylon production, and fossil-fuel-fired power plants), vehicle emissions, and using $N_2O$ as a propellant (e.g., rockets, racecars, and aerosol sprays).

**Fluorinated Gases.** Fluorinated gases (also referred to as F-gases) are powerful synthetic GHGs emitted from many industrial processes. Fluorinated gases are commonly used as substitutes for stratospheric $O_3$-depleting substances (e.g., CFCs, HCFCs, and halons). The most prevalent fluorinated gases include the following:

- **Hydrofluorocarbons:** HFCs are compounds containing only hydrogen, fluorine, and carbon atoms. HFCs are synthetic chemicals used as alternatives to $O_3$-depleting substances in serving many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are used in manufacturing.
- **Perfluorocarbons:** PFCs are a group of human-made chemicals composed of carbon and fluorine only. These chemicals were introduced as alternatives, with HFCs, to $O_3$-depleting substances. The two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Since PFCs have stable molecular structures and do not break down through the chemical processes in the lower atmosphere, these chemicals have long lifetimes, ranging between 10,000 and 50,000 years.
- **Sulfur Hexafluoride:** $SF_6$ is a colorless gas soluble in alcohol and ether and slightly soluble in water. $SF_6$ is used for insulation in electric power transmission and distribution equipment, semiconductor manufacturing, the magnesium industry, and as a tracer gas for leak detection.
- **Nitrogen Trifluoride:** Nitrogen trifluoride is used in the manufacture of a variety of electronics, including semiconductors and flat panel displays.

**Chlorofluorocarbons.** CFCs are synthetic chemicals that have been used as cleaning solvents, refrigerants, and aerosol propellants. CFCs are chemically unreactive in the lower atmosphere (troposphere) and the production of CFCs was prohibited in 1987 due to the chemical destruction of stratospheric $O_3$.

[9] The descriptions of GHGs are summarized from the Intergovernmental Panel on Climate Change (IPCC) Second Assessment Report (1995), IPCC Fourth Assessment Report (2007), CARB's Glossary of Air Pollution Terms (2016a), and EPA's Glossary of Climate Change Terms (2016d).

**Hydrochlorofluorocarbons**. HCFCs are a large group of compounds, whose structure is very close to that of CFCs—containing hydrogen, fluorine, chlorine, and carbon atoms—but including one or more hydrogen atoms. Like HFCs, HCFCs are used in refrigerants and propellants. HCFCs were also used in place of CFCs for some applications; however, their use in general is being phased out.

**Black Carbon.** Black carbon is a component of fine particulate matter, which has been identified as a leading environmental risk factor for premature death. It is produced from the incomplete combustion of fossil fuels and biomass burning, particularly from older diesel engines and forest fires. Black carbon warms the atmosphere by absorbing solar radiation, influences cloud formation, and darkens the surface of snow and ice, which accelerates heat absorption and melting. Black carbon is a short-lived species that varies spatially, which makes it difficult to quantify the global warming potential (GWP). DPM emissions are a major source of black carbon and are TACs that have been regulated and controlled in California for several decades to protect public health. In relation to declining DPM emissions from CARB's regulations pertaining to diesel engines, diesel fuels, and burning activities, CARB estimates that annual black carbon emissions in California were reduced by 70% between 1990 and 2010, with 95% control expected by 2020 (CARB 2014a).

**Water Vapor.** The primary source of water vapor is evaporation from the ocean, with additional vapor generated by sublimation (change from solid to gas) from ice and snow, evaporation from other water bodies, and transpiration from plant leaves. Water vapor is the most important, abundant, and variable GHG in the atmosphere and maintains a climate necessary for life.

**Ozone.** Tropospheric $O_3$, which is created by photochemical reactions involving gases from both natural sources and human activities, acts as a GHG. Stratospheric $O_3$, which is created by the interaction between solar ultraviolet radiation and molecular oxygen ($O_2$), plays a decisive role in the stratospheric radiative balance. Depletion of stratospheric $O_3$, due to chemical reactions that may be enhanced by climate change, results in an increased ground-level flux of ultraviolet-B radiation.

**Aerosols.** Aerosols are suspensions of particulate matter in a gas emitted into the air through burning biomass (plant material) and fossil fuels. Aerosols can warm the atmosphere by absorbing and emitting heat and can cool the atmosphere by reflecting light.

### 3.1.3 Global Warming Potential

Gases in the atmosphere can contribute to climate change both directly and indirectly. Direct effects occur when the gas itself absorbs radiation. Indirect radiative forcing occurs when chemical transformations of the substance produce other GHGs, when a gas influences the atmospheric lifetimes of other gases, and/or when a gas affects atmospheric processes that alter the radiative balance of the Earth (e.g., affect cloud formation or albedo) (EPA 2016b). The Intergovernmental Panel on Climate Change developed the GWP concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP of a GHG is defined as the ratio of the time-integrated radiative forcing from the instantaneous release of 1 kilogram of a trace substance relative to that of 1 kilogram of a reference gas (IPCC 2014). The reference gas used is $CO_2$; therefore, GWP-weighted emissions are measured in metric tons (MT) of $CO_2$ equivalent (MT $CO_2e$).

The current version of CalEEMod (version 2022.1.1.29) assumes that the GWP for $CH_4$ is 25 (so emissions of 1 MT) of $CH_4$ are equivalent to emissions of 25 MT of $CO_2$), and the GWP for $N_2O$ is 298, based on the Intergovernmental Panel on Climate Change Fourth Assessment Report (IPCC 2007). The GWP values identified in CalEEMod were applied to the project.

# 3.2 Regulatory Setting

## 3.2.1 Federal Regulations

### West Virginia et al v. U.S. Environmental Protection Agency

On June 30, 2022, the Supreme Court issued its opinion in *West Virginia v. U.S. Environmental Protection Agency*, invalidating the 2015 Obama-era Clean Power Plan. The ruling held that Section 111(d) of the Clean Air Act does not authorize EPA to devise emissions caps based on "generation shifting"—the approach EPA took in the Clean Power Plan wherein power plants would be required to transition from higher-emitting (e.g., coal) to lower-emitting (e.g., natural-gas) to then even lower-emitting (e.g., wind and solar) electricity production. The Obama administration promulgated the Clean Power Plan to establish limits on $CO_2$ emissions from power plants, creating a scheme geared toward shifting the generation of electricity from steam-generating units to natural gas-fired units, and from fossil-fuel fired units to renewable energy sources. The Supreme Court's ruling will constrain EPA's ability to regulate carbon emissions from the power sector by agency rulemaking, and the Court's assertion of the major questions doctrine will have a lasting impact on the administrative state.

### Massachusetts v. U.S. Environmental Protection Agency

On April 2, 2007, in *Massachusetts v. U.S. Environmental Protection Agency*, the U.S. Supreme Court ruled that $CO_2$ was a pollutant and directed the EPA administrator to determine whether GHG emissions from new motor vehicles cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare, or whether the science is too uncertain to make a reasoned decision. In making these decisions, the EPA administrator is required to follow the language of Section 202(a) of the Clean Air Act. On December 7, 2009, the administrator signed a final rule with two distinct findings regarding GHGs under Section 202(a) of the Clean Air Act:

- The elevated concentrations of GHGs—$CO_2$, $CH_4$, $N_2O$, hydrofluorocarbons, perfluorocarbons, and $SF_6$—in the atmosphere threaten the public health and welfare of current and future generations. This is referred to as the "endangerment finding."
- The combined emissions of GHGs—$CO_2$, $CH_4$, $N_2O$, and hydrofluorocarbons—from new motor vehicles and new motor vehicle engines contribute to the GHG air pollution that endangers public health and welfare. This is referred to as the "cause or contribute finding."

These two findings were necessary to establish the foundation for regulation of GHGs from new motor vehicles as air pollutants under the Clean Air Act.

### Energy Independence and Security Act

On December 19, 2007, President George W. Bush signed the Energy Independence and Security Act (EISA) of 2007 (EPA 2007). Among other key measures, the act would do the following to aid in the reduction of national GHG emissions:

1. Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel by 2022.

2. Set a target of 35 miles per gallon (mpg) for the combined fleet of cars and light trucks by model year 2020 and direct the National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.
3. Prescribe or revise standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

### EPA and National Highway Traffic Safety Administration Joint Final Rule for Vehicle standards

In response to the U.S. Supreme Court ruling discussed above, the Bush Administration issued Executive Order (EO) 13432 in 2007 directing the EPA, the Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the NHTSA issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011; and, in 2010, the EPA and NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012–2016 (75 FR 25324–25728).

In 2010, President Obama issued a memorandum directing the Department of Transportation, Department of Energy, EPA, and NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, the EPA and NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017–2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of $CO_2$ in model year 2025, on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency. The final rule was adopted in 2012 for model years 2017–2021 (77 FR 62624–63200). On January 12, 2017, EPA finalized its decision to maintain the current GHG emissions standards for model years 2022–2025 cars and light trucks (EPA 2017b).

In August 2016, the EPA and NHTSA announced the adoption of the phase two program related to the fuel economy and GHG standards for medium- and heavy-duty trucks. The phase two program will apply to vehicles with model year 2018 through 2027 for certain trailers, and model years 2021 through 2027 for semi-trucks, large pickup trucks, vans, and all types and sizes of buses and work trucks. The final standards are expected to lower $CO_2$ emissions by approximately 1.1 billion MT and reduce oil consumption by up to 2 billion barrels over the lifetime of the vehicles sold under the program (EPA and NHTSA 2016).

In August 2018, EPA and NHTSA proposed to amend certain fuel economy and GHG standards for passenger cars and light trucks and establish new standards for model years 2021 through 2026. Compared to maintaining the post-2020 standards now in place, the 2018 proposal would increase U.S. fuel consumption by about half a million barrels per day (2%–3% of total daily consumption, according to the Energy Information Administration) and would impact the global climate by 3/1000th of 1 degree Celsius by 2100 (EPA and NHTSA 2018). California and other states have stated their intent to challenge federal actions that would delay or eliminate GHG reduction measures and have committed to cooperating with other countries to implement global climate change initiatives. Thus, the timing and consequences of the 2018 federal proposal are speculative at this time.

In 2019, the EPA and NHTSA published the Safer Affordable Fuel-Efficient Vehicles Rule Part One: One National Program (SAFE-1) (84 Fed. Reg. 51310), which revoked California's authority to set its own GHG emissions standards and set zero-emission vehicle (ZEV) mandates in California. In March 2020, Part Two was issued, which

set $CO_2$ emissions standards and corporate average fuel economy standards for passenger vehicles and light-duty trucks for model years 2021 through 2026. In March 2022, EPA reinstated California's authority under the Clean Air Act to implement its own GHG emission standards and ZEV sales mandate. EPA's action concludes its reconsideration of the 2019 SAFE-1 rule by finding that the actions taken under the previous administration as a part of SAFE-1 were decided in error and are now entirely rescinded.

### 3.2.2 State Regulations

The state has taken a number of actions to address climate change. These include EOs, legislation, and CARB plans and requirements. These are summarized as follows.

#### Executive Order S-3-05

EO S-3-05 (June 2005) established California's GHG emissions reduction targets and laid out responsibilities among the state agencies for implementing the EO and for reporting on progress toward the targets. This EO established the following targets:

- By 2010, reduce GHG emissions to 2000 levels
- By 2020, reduce GHG emissions to 1990 levels
- By 2050, reduce GHG emissions to 80% below 1990 levels

#### Assembly Bill 32

In furtherance of the goals established in EO S-3-05, the Legislature enacted AB 32 (Núñez and Pavley). The bill is referred to as the California Global Warming Solutions Act of 2006 (September 27, 2006). AB 32 provided initial direction on creating a comprehensive multiyear program to limit California's GHG emissions at 1990 levels by 2020 and initiate the transformations required to achieve the state's long-range climate objectives.

#### Senate Bill 32 and Assembly Bill 197

SB 32 and AB 197 (enacted in 2016) are companion bills. SB 32 codified the 2030 emissions reduction goal of EO B-30-15 by requiring CARB to ensure that statewide GHG emissions are reduced to 40% below 1990 levels by 2030.

#### California Air Resources Board Climate Change Scoping Plan

One specific requirement of AB 32 is for CARB to prepare a "scoping plan" for achieving the maximum technologically feasible and cost-effective GHG emission reductions by 2020 (Health and Safety Code, Section 38561[a]), and to update the plan at least once every 5 years. In 2008, CARB approved the first scoping plan. The Climate Change Scoping Plan: A Framework for Change (Scoping Plan) included a mix of recommended strategies that combined direct regulations, market-based approaches, voluntary measures, policies, and other emission reduction programs calculated to meet the 2020 statewide GHG emission limit and initiate the transformations needed to achieve the state's long-range climate objectives.

In 2014, CARB approved the first update to the Scoping Plan. The First Update to the Climate Change Scoping Plan: Building on the Framework (First Update) defined the state's GHG emission reduction priorities for the next

5 years and laid the groundwork to start the transition to the post-2020 goals set forth in EOs S-3-05 and B-16-2012 (discussed below). The First Update concluded that California is on track to meet the 2020 target but recommended a 2030 mid-term GHG reduction target be established to ensure a continuum of action to reduce emissions (CARB 2014a).

In 2015, as directed by EO B-30-15, CARB began working on an update to the Scoping Plan to incorporate the 2030 target of 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050, as set forth in S-3-05.

In December 2017, CARB adopted the 2017 Climate Change Scoping Plan Update (CARB 2017). The 2017 Climate Change Scoping Plan Update builds on the successful framework established in the initial Scoping Plan and First Update, while identifying new, technologically feasible and cost-effective strategies that will serve as the framework to achieve the 2030 GHG target and define the state's climate change priorities to 2030 and beyond. The Scoping Plan recommends strategies for implementation at the statewide level to meet the goals of AB 32, SB 32, and the EOs, and establishes an overall framework for the measures that will be adopted to reduce California's GHG emissions. A project is considered consistent with the statutes and EOs if it meets the general policies in reducing GHG emissions to facilitate the achievement of the state's goals and does not impede attainment of those goals. As discussed in several cases, a given project need not be in perfect conformity with each and every planning policy or goal to be consistent. A project would be consistent if it will further the objectives and not obstruct their attainment.

CARB adopted the 2022 Scoping Plan Update in December 2022. The 2022 Scoping Plan outlines the state's plan to reach carbon neutrality by 2045 or earlier, while also assessing the progress the state is making toward achieving GHG reduction goals by 2030. Per the Legislative Analyst's Office, the 2022 Scoping Plan identifies a more aggressive 2030 GHG goal. As it relates to the 2030 goal, perhaps the most significant change in the 2022 plan (as compared to previous Scoping Plans) is that it identifies a new GHG target of 48% below the 1990 level, compared to the current statutory goal of 40% below. Current law requires the state to reduce GHG emissions by at least 40% below the 1990 level by 2030 but does not specify an alternative goal. According to CARB, a focus on the lower target is needed to put the state on a path to meeting the newly established 2045 goal, consistent with the overall path to 2045 carbon neutrality. The carbon neutrality goal requires CARB to expand proposed actions from only the reduction of anthropogenic sources of GHG emissions to also include those that capture and store carbon (e.g., through natural and working lands, or mechanical technologies). The carbon reduction programs build on and accelerate those currently in place, including moving to zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemicals and refrigerants with high GWP; providing communities with sustainable options for walking, biking, and public transit; and displacement of fossil-fuel-fired electrical generation through use of renewable energy alternatives (e.g., solar arrays and wind turbines) (CARB 2022a).

The 2022 Scoping Plan Update also emphasizes that there is no realistic path to carbon neutrality without carbon removal and sequestration, and to achieve the state's carbon neutrality goal, carbon reduction programs must be supplemented by strategies to remove and sequester carbon. Strategies for carbon removal and sequestration include carbon capture and storage from anthropogenic point sources, where $CO_2$ is captured as it leaves a facility's smokestack and is injected into geologic formations or used in industrial materials (e.g., concrete); and $CO_2$ removal from ambient air, through mechanical (e.g., direct air capture with sequestration) or nature-based (e.g., management of natural and working lands) applications.

## Executive Order B-55-18

EO B-55-18 (September 2018) establishes a statewide policy for California to achieve carbon neutrality as soon as possible, and no later than 2045, and to achieve and maintain net-negative emissions thereafter. The goal is an addition to the existing statewide targets of reducing the state's GHG emissions. CARB will work with relevant state agencies to ensure that future scoping plans identify and recommend measures to achieve the carbon neutrality goal.

## Building Energy

### Title 24, Part 6

Title 24 of the CCR was established in 1978 and serves to enhance and regulate California's building standards. While not initially promulgated to reduce GHG emissions, Part 6 of Title 24 specifically established building energy efficiency standards that are designed to ensure new and existing buildings in California achieve energy efficiency and preserve outdoor and indoor environmental quality. These regulations are carefully scrutinized and analyzed for technological and economic feasibility (California Public Resources Code, Section 25402[d]) and cost effectiveness (California Public Resources Code, Sections 25402[b][(2] and [b][3]). As a result, these standards save energy, increase electricity supply reliability, increase indoor comfort, avoid the need to construct new power plants, and help preserve the environment.

The 2019 Title 24 Building Energy Efficiency Standards became effective January 1, 2020. In general, single-family residences built to the 2019 standards are anticipated to use approximately 7% less energy due to energy efficiency measures than those built to the 2016 standards; once rooftop solar electricity generation is factored in, single-family residences built under the 2019 standards will use approximately 53% less energy than those under the 2016 standards (CEC 2018). Nonresidential buildings built to the 2019 standards are anticipated to use an estimated 30% less energy than those built to the 2016 standards (CEC 2018).

On August 11, 2021, the California Energy Commission (CEC) adopted the 2022 Building Energy Efficiency Standards (Energy Code). In December 2021, the 2022 Energy Code was approved by the California Building Standards Commission for inclusion into the California Building Standards Code. The 2022 Energy Code encourages efficient electric heat pumps, establishes electric-ready requirements for new homes, expands solar photovoltaic and battery storage standards, strengthens ventilation standards, and more. Buildings whose permit applications are applied for on or after January 1, 2023, must comply with the 2022 Energy Code. Under the 2022 amendments, California buildings would consume approximately 198,600 gigawatt-hours (GWh) of electricity and 6.14 billion therms of fossil fuel natural gas in 2023 compared to approximately 199,500 GWh and 6.17 billion therms of electricity and fossil fuel natural gas, respectively, under the 2019 Energy Code (CEC 2021). On a statewide basis throughout 2023, all measures for newly constructed buildings and altered components of existing buildings collectively would save approximately 33 million therms of fossil fuel natural gas and 1.3 billion kilowatt-hours (kWh) of electricity (CEC 2021).

### Title 24, Part 11

In addition to the CEC's efforts, in 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (Part 11 of Title 24) is commonly referred to as CALGreen and establishes minimum mandatory standards as well as voluntary standards pertaining to the planning and design of sustainable site development, energy efficiency (in excess of the California Energy Code requirements),

water conservation, material conservation, and interior air quality. The 2019 CALGreen standards are the current applicable standards. For nonresidential projects (which the residential portion of the project is subject to), some of the key mandatory CALGreen 2019 standards involve requirements related to bicycle parking, designated parking for clean air vehicles, electric vehicle (EV) charging stations, shade trees, water-conserving plumbing fixtures and fittings, outdoor potable water use in landscaped areas, recycled water supply systems, construction waste management, excavated soil and land clearing debris, and commissioning (24 CCR Part 11).

#### Title 20

Title 20 of the CCR requires manufacturers of appliances to meet state and federal standards for energy and water efficiency. The CEC certifies an appliance based on a manufacturer's demonstration that the appliance meets the standards.

### Renewable Energy and Energy Procurement

#### Senate Bill 1078, Executive Order S-14-08, Senate Bill X1-2, Senate Bill 350, and Senate Bill 100

SB 1078 (Sher; September 2002) established the Renewables Portfolio Standard (RPS) program, which required an annual increase in renewable generation by the utilities equivalent to at least 1% of sales, with an aggregate goal of 20% by 2017. EO S-14-08 (November 2008) required that all retail suppliers of electricity in California serve 33% of their load with renewable energy by 2020. SB X1-2 expanded the RPS by establishing a renewable energy target of 20% of the total electricity sold to retail customers in California per year by December 31, 2013; and 33% by December 31, 2020, and in subsequent years. SB 350 (October 2015) further expanded the RPS by establishing a goal of 50% of the total electricity sold to retail customers in California per year by December 31, 2030. SB 100 (2018) increased the standards set forth in SB 350 establishing that 44% of the total electricity sold to retail customers in California per year by December 31, 2024; 52% by December 31, 2027; and 60% by December 31, 2030, be secured from qualifying renewable energy sources. SB 100 states that it is the policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of the retail sales of electricity to California. On April 30, 2022, California supplied 100% of its statewide demand with renewables at 2:45 pm (Electrek 2022).

### Mobile Sources

#### State Vehicle Standards (AB 1493 and EO B-16-12)

AB 1493 (July 2002) was enacted as a response to the transportation sector accounting for more than half of California's $CO_2$ emissions. AB 1493 required CARB to set GHG emission standards for passenger vehicles, light-duty trucks, and other vehicles determined by the CARB to be vehicles that are primarily used for noncommercial personal transportation in the state. The bill required that CARB set GHG emission standards for motor vehicles manufactured in 2009 and all subsequent model years. CARB adopted the standards in September 2004. EO B-16-12 (March 2012) required state entities under the governor's direction and control to support and facilitate the rapid commercialization of zero-emission vehicles. It ordered CARB, CEC, California Public Utilities Commission (CPUC), and other relevant agencies to work with the Plug-in Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to help achieve benchmark goals by 2015, 2020, and 2025. On a statewide basis, EO B-16-12 established a target reduction of GHG emissions from the transportation sector

equaling 80% less than 1990 levels by 2050. This directive did not apply to vehicles that have special performance requirements necessary for the protection of the public safety and welfare. As explained in Section 3.2.1, Federal Regulations, EPA and NHTSA approved the SAFE Vehicles Rule Part One and Two, which revoked California's authority to set its own GHG emissions standards and set ZEV mandates in California. As President Biden issued EO 13990 to review Part One and Part Two of the SAFE Vehicles Rule, this analysis continues to utilize the best available information at this time, as set forth in EMFAC and assumed in CalEEMod.

### Heavy-Duty Diesel Vehicles (Title 13, Division 3, Chapter 1, Section 2025)

CARB adopted the final Heavy-Duty Truck and Bus Regulation, Title 13, Division 3, Chapter 1, Section 2025, on December 31, 2014, to reduce particulate matter and $NO_x$ emissions from heavy-duty diesel vehicles. The rule requires particulate matter filters be applied to newer heavy-duty trucks and buses by January 1, 2012, with older vehicles required to comply by January 1, 2015. The rule will require nearly all diesel trucks and buses to be compliant with the 2010 model year engine requirement by January 1, 2023. CARB also adopted an Airborne Toxic Control Measure on December 12, 2013, to limit idling of diesel-fueled commercial vehicles. This rule requires diesel-fueled vehicles with gross vehicle weights greater than 10,000 pounds to idle no more than 5 minutes at any location (13 CCR 2485).

## Executive Order S-1-07

EO S-1-07 (January 2007, implementing regulation adopted in April 2009) sets a declining Low Carbon Fuel Standard (LCFS) for GHG emissions measured in $CO_2e$ grams per unit of fuel energy sold in California. The initial target of the LCFS was to reduce the carbon intensity of California passenger vehicle fuels by at least 10% by 2020 (17 CCR 95480 et seq.). In September 2018, CARB approved amendments for the LCFS that require a 20% reduction in carbon intensity by year 2030.

## Senate Bill 375

SB 375 (Steinberg; September 2008) addresses GHG emissions associated with the transportation sector through regional transportation and sustainability plans. SB 375 requires CARB to adopt regional GHG reduction targets for the automobile and light-truck sector for 2020 and 2035 and to update those targets every 8 years. SB 375 requires the state's 18 regional MPOs to prepare a Sustainable Communities Strategy (SCS) as part of their Regional Transportation Plan (RTP) that will achieve the GHG reduction targets set by CARB.

## Advanced Clean Cars Program and Zero-Emission Vehicle Program

The Advanced Clean Cars I program (January 2012) is an emissions-control program for model years 2015 through 2025. The program combines the control of smog- and soot-causing pollutants and GHG emissions into a single coordinated package of regulations: the low-emission vehicle regulation for criteria air pollutant and GHG emissions and a technology forcing regulation for ZEVs that contributes to both types of emission reductions (CARB 2021a). The package includes elements to reduce smog-forming pollution, reduce GHG emissions, promote clean cars, and provide the fuels for clean cars. To improve air quality, CARB has implemented new emission standards to reduce smog-forming emissions, beginning with 2015 model year vehicles. It is estimated that in 2025 cars will emit 75% less smog-forming pollution than the average new car sold in 2015 (CARB 2021a). The ZEV program will act as the focused technology of the ACC I program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid EVs in the 2018 to 2025 model years.

The ACC II program is currently in development to establish the next set of low-emission vehicle and ZEV requirements for model years after 2025 to contribute to meeting federal ambient air quality $O_3$ standards and California's carbon neutrality standards (CARB 2021a). The main objectives of ACC II are:

1. Maximize criteria and GHG emission reductions through increased stringency and real-world reductions.
2. Accelerate the transition to ZEVs through both increased stringency of requirements and associated actions to support wide-scale adoption and use.

An ACC II rulemaking package, which will consider technological feasibility, environmental impacts, equity, economic impacts, and consumer impacts, is anticipated to be presented to CARB for consideration in August 2022.

### Assembly Bill 1236

AB 1236 (October 2015) required a city, county, or city and county to approve an application for the installation of EV charging stations, as defined, through the issuance of specified permits, unless the city or county makes specified written findings based upon substantial evidence in the record that the proposed installation would have a specific, adverse impact upon the public health or safety, and there is no feasible method to satisfactorily mitigate or avoid the specific, adverse impact. The bill provided for appeal of that decision to the planning commission, as specified. The bill provided that the implementation of consistent statewide standards to achieve the timely and cost-effective installation of EV charging stations is a matter of statewide concern. The bill required EV charging stations to meet specified standards.

### Executive Order N-79-20

EO N-79-20 (September 2020) requires CARB to develop regulations as follows: (1) passenger vehicle and truck regulations requiring increasing volumes of new ZEVs sold in the state toward the target of 100% of in-state sales by 2035; (2) medium- and heavy-duty vehicle regulations requiring increasing volumes of new zero-emission trucks and buses sold and operated in the state toward the target of 100% of the fleet transitioning to ZEVs by 2045 everywhere feasible, and for all drayage trucks to be zero emission by 2035; and (3) strategies, in coordination with other state agencies, the EPA, and local air districts, to achieve 100% zero emissions from off-road vehicles and equipment operations in the state by 2035. EO N-79-20 called for the development of a Zero-Emission Vehicle Market Development Strategy, which was released February 2021, to be updated every 3 years, which ensures coordination and implementation of the EO and outlines actions to support new and used ZEV markets. In addition, the EO specifies identification of near-term actions and investment strategies to improve clean transportation, sustainable freight, and transit options; and calls for development of strategies, recommendations, and actions by July 15, 2021, to manage and expedite the responsible closure and remediation of former oil extraction sites as the state transitions to a carbon-neutral economy.

### Advanced Clean Trucks Regulation

The purpose of the Advanced Clean Trucks Regulation (June 2020) is to accelerate the market for ZEVs in the medium- and heavy-duty truck sector and to reduce emissions of $NO_x$, fine particulate matter, TACs, GHGs, and other criteria pollutants generated from on-road mobile sources (CARB 2021b). Requiring medium- and heavy-duty vehicles to transition to zero-emissions technology will help California meet established near- and long-term air quality and climate mitigation targets.

## Water

### Executive Order B-29-15

In response to the ongoing drought in California, EO B-29-15 (April 2015) set a goal of achieving a statewide reduction in potable urban water usage of 25% relative to water use in 2013. The term of the EO extended through February 28, 2016, although many of the directives have become permanent water-efficiency standards and requirements. The EO includes specific directives that set strict limits on water usage in the state.

### Executive Order B-37-16

Issued May 2016, EO B-37-16 directed the State Water Resources Control Board (SWRCB) to adjust emergency water conservation regulations through the end of January 2017 to reflect differing water supply conditions across the state. The SWRCB also developed a proposal to achieve a mandatory reduction of potable urban water usage that builds off the mandatory 25% reduction called for in EO B-29-15. The SWRCB and Department of Water Resources will develop new, permanent water use targets that build upon the existing state law requirements that the state achieve 20% reduction in urban water usage by 2020. EO B-37-16 also specifies that the SWRCB permanently prohibit water-wasting practices such as hosing off sidewalks, driveways, and other hardscapes; washing automobiles with hoses not equipped with a shut-off nozzle; using non-recirculated water in a fountain or other decorative water feature; watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and irrigating ornamental turf on public street medians.

### Executive Order N-10-21

In response to a state of emergency due to severe drought conditions, EO N-10-21 (July 2021) called on all Californians to voluntarily reduce their water use by 15% from their 2020 levels. Actions suggested in EO N-10-21 include reducing landscape irrigation, running dishwashers and washing machines only when full, finding and fixing leaks, installing water-efficient showerheads, taking shorter showers, using a shut-off nozzle on hoses, and taking cars to commercial car washes that use recycled water.

### Executive Order N-7-22

On March 28, 2022, Governor Newsom directed the State Water Resources Control Board (SWRCB) to consider adopting emergency regulations focused on urban water suppliers under EO N-7-22. If adopted, the potential regulations would require the vast majority of urban water suppliers to enact Level 2 of their water shortage contingency plans. Those plans are developed by the suppliers and provide actions they will take if their water supplies are cut to certain levels. Here, Level 2 would represent the suppliers acting as if their water supply had been reduced by 20%. The EO also directs the SWRCB to consider adopting emergency regulations defining "non-functional turf" by May 25, 2022. Both the EO and corresponding press release confirm that the definition should only apply to ornamental turf that is not functional, excluding turf such as school fields, sports fields, and parks from the definition. If the definition is adopted, the SWRCB must then consider banning irrigation of the non-functional turf in the commercial, industrial, and institutional sectors (with limited exceptions). The proposed ban is anticipated to save several hundred thousand acre-feet of water per year.

#### Solid Waste

##### Assembly Bill 939, Assembly Bill 341, Assembly Bill 1826, and Senate Bill 1383

In 1989, AB 939, known as the Integrated Waste Management Act (California Public Resources Code, Sections 40000 et seq.), was passed because of the increase in waste stream and the decrease in landfill capacity. AB 939 mandated a reduction of waste being disposed where jurisdictions were required to meet diversion goals of all solid waste through source reduction, recycling, and composting activities of 25% by 1995 and 50% by the year 2000. AB 341 (Chapter 476, Statutes of 2011) amended the California Integrated Waste Management Act of 1989 to include a provision declaring that it is the policy goal of the state that not less than 75% of solid waste generated be source-reduced, recycled, or composted by the year 2020, and annually thereafter. AB 1826 (Chapter 727, Statutes of 2014, effective 2016) requires businesses to recycle their organic waste (i.e., food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food-soiled paper waste that is mixed in with food waste) depending on the amount of waste they generate per week. SB 1383 (Chapter 395, Statutes of 2016) establishes targets to achieve a 50% reduction in the level of the statewide disposal of organic waste from the 2014 level by 2020 and a 75% reduction by 2025. The California Department of Resources Recycling and Recovery was granted the regulatory authority required to achieve the organic waste disposal reduction targets and establishes an additional target that not less than 20% of currently disposed edible food is recovered for human consumption by 2025 (CalRecycle 2019).

## 3.2.3 Local Regulations

### 3.2.3.1 San Joaquin Valley Air Pollution Control District

The SJVAPCD does not regulate GHG emissions directly through its permitting responsibilities for stationary sources. Thus, there are no SJVAPCD rules or regulations related to GHGs. The SJVAPCD, however, effects reductions of GHGs from new and modified stationary sources when acting as a lead agency for CEQA. The SJVAPCD implements its GHG policies and reviews whether new or modified stationary sources will implement best performance standards (BPS).

In 2009, the SJVAPCD developed an internal policy and guidance for local land use agencies to use in evaluating GHG impacts under CEQA. In the Final Staff Report – Addressing GHG Emissions Impacts under the California Environmental Quality Act (SJVAPCD 2009b), the SJVAPCD reviewed potential GHG significance thresholds and approaches, ranging from quantification of a project's GHG impacts without a recommended significance threshold to a zero threshold to specific significance thresholds for different kinds of projects (e.g., residential, mixed use, industrial, plans).[10] The following discussion summarizes the SJVAPCD's conclusions about various categories of GHG significance thresholds.

**Zero Threshold.** The SJVAPCD concluded that "although a zero threshold is appealing in its simplicity; execution of a zero threshold would be difficult or impossible" (SJVAPCD 2009b). Furthermore, the SJVAPCD found that

[10] These documents encompassed the primary approaches for establishing significance thresholds in the period prior to the March 18, 2010, effective date of revisions of the CEQA Guidelines in accordance with SB 97. Additional guidance regarding assessment of GHG impacts were provided in the revised CEQA Guidelines and accompanying Final Statement of Reasons for Regulatory Action – Amendments to the State CEQA Guidelines Addressing Analysis and Mitigation of Greenhouse Gas Emissions Pursuant to SB97 (CNRA 2009). In addition, the California appellate courts and the California Supreme Court have more recently considered CEQA cases and, in some cases, issued published decisions that provide additional direction regarding the appropriateness of certain GHG assessment methodologies and significance thresholds.

projects that could not reduce their emissions to zero would require preparation of an environmental impact report (EIR) and adoption of a statement of overriding consideration by the lead agency. Potentially, projects could choose to relocate to a region with a less stringent threshold, so-called "leakage" that would still result in GHG emissions outside the SJVAPCD. Finally, the SJVAPCD noted that CARB concluded that zero thresholds are not mandated because some level of GHG emissions is still consistent with climate stabilization and other regulatory programs will result in GHG reductions. For these reasons, the SJVAPCD did not support a zero threshold. Accordingly, a zero threshold was not selected as an appropriate GHG/climate change threshold for this assessment.

**Nonzero Quantitative Thresholds.** As indicated previously, the SJVAPCD reviewed numerous quantitative thresholds adopted or proposed by other air districts and organizations, including "mass of GHG emissions generate per unit of activity, GHG emissions per capita per unit basis, and percent reduction compared to Business-as-Usual" (SJVAPCD 2009b). While a tiered approach was evaluated, with the final tier incorporating a quantitative threshold, the SJVAPCD concluded that "without supporting scientific information, establishment of tier trigger levels could be argued to be arbitrary, and District staff does not believe the available science supports establishing a bright-line threshold, above which emissions are significant and below which they are not" (SJVAPCD 2009b).

**Best Performance Standards.** The SJVAPCD evaluated performance-based standards, which would state "in quantifiable terms the level and extent of the attribute necessary to reach a goal or objective" (SJVAPCD 2009b). The SJVAPCD considered that a project achieving the performance-based standard or mitigating GHG emissions to an equivalent emission reduction level would be considered to have a less-than-significant cumulative impact on climate change. In conclusion, the SJVAPCD found that the state's GHG emission reduction target would be accomplished by achieving a 29% reduction from business-as-usual (BAU) and that achieving this reduction would be a "de facto" performance-based standard for GHG emission reductions.

On December 17, 2009, the SJVAPCD Governing Board adopted Guidance for Valley Land-Use Agencies in Addressing GHG Emission Impacts for New Projects under CEQA (SJVAPCD 2009c). The guidance recommends the following hierarchy for evaluating a project's impact with respect to its GHG emissions:

- Projects complying with an approved GHG emission reduction plan or GHG mitigation program, which avoids or substantially reduces GHG emissions within the geographic area in which the project is located would be determined to have a less-than-significant individual and cumulative impact for GHG emissions. Such plans or programs must be specified in law or approved by the lead agency with jurisdiction over the affected resource and supported by a CEQA compliant environmental review document adopted by the lead agency. Projects complying with an approved GHG emission reduction plan or GHG mitigation program would not be required to implement BPS.
- Projects implementing BPS would not require quantification of project specific GHG emissions.[11] Consistent with the CEQA Guidelines, such projects would be determined to have a less-than-significant individual and cumulative impact for GHG emissions.

[11] The guidance recommends, "projects requiring preparation of an Environmental Impact Report for any other reason would require quantification of project specific GHG emissions" (SJVAPCD 2009c). This assessment for the project does include quantification of the project's construction and operational GHG emissions.

- Projects not implementing BPS would require quantification of project-specific GHG emissions and demonstration that project-specific GHG emissions would be reduced or mitigated by at least 29%, compared to BAU, including GHG emission reductions achieved since the 2002–2004 baseline period. projects achieving at least a 29% GHG emission reduction compared to BAU would be determined to have a less-than-significant individual and cumulative impact for GHG (SJVAPCD 2009c).
- For development projects, BPS would include project design elements, land use decisions, and technologies that reduce GHG emissions. While the SJVAPCD has adopted BPS for several types of stationary sources (e.g., boilers), it has not developed BPS for land development projects. projects implementing any combination of BPS, and/or demonstrating a total 29% reduction in GHG emissions from BAU, would be determined to have a less-than-significant individual and cumulative impact on global climate change (SJVAPCD 2015a).

#### 3.2.3.2 Kern County

The County's General Plan Energy Element sets targets and strategies to reduce GHG emissions and associated climate change by supporting new renewable energy facilities. In addition, there may be GHG co-benefits of the air quality provisions in the General Plan discussed in Section 2.2.3.3. The County's General Plan Energy Element includes the following:

##### 5.4.2 Wind Energy Development

**Goal:** To promote the safe and orderly development of wind energy as a clean method of generating electricity while providing for the protection of the environment.

**Policies**

1. The County should support the construction of additional transmission capacity for wind energy developments where land use and other constraints are minimal.
2. All wind energy development shall be subject to the development standards of Kern County Zoning Ordinance.
3. The County should monitor the activities of other local, State, and federal agencies relating to wind energy projects in Kern County, and present comment and testimony as necessary when the County's interests to avoid unnecessary impediments to energy development.
4. The County shall work with the wind energy industry to maximize electrical potential while assuring that military flight operations, communication facilities and visual conflicts for neighboring property owners are addressed.
5. The County should actively monitor the actions of local, State, and federal agencies relating to wind energy development in Kern County, and lobby and present its position on such matters as needed to protect the County interests and avoid unnecessary impediments to energy development.

**Implementation Measures**

A. The WE (Wind Energy) Zone District should be reviewed and amended as necessary to include adequate setbacks, buffer, aesthetic requirements, oak tree provisions, military flight corridors, and removal of nonfunctioning machines.

B. The County should promote a continuing dialogue with wind energy industry representatives to monitor trends in wind energy development and technology.

C. The County should conduct an aerial photometric survey of the wind energy development area to determine the effectiveness of existing soil erosion control measures and, if necessary, modify the Kern County Zoning Ordinance as appropriate.

### 5.4.4 Transformation Development

**Goal:** To provide for the careful siting of proven transformation technologies which provide for minimum risks to the environment and to public health and safety.

#### Policies

1. The County should encourage the use of landfill gas recovery and methane recovery projects at existing facilities.
2. The County should encourage the safe and orderly development of biomass conversion facilities as an alternative to burning agricultural wastes.
3. When evaluating proposals for transformation plants, the County should take under consideration whether the projects will produce air pollutant emissions in quantities that could reduce the ability to site other energy projects.
4. New transformation facilities shall be in conformance with the Kern County General Plan and the Kern County and Incorporated Cities Integrated Waste Management Plan.
5. Encourage the utilization of anaerobic digesters from the conversion of waste from Confined Animal Facilities.

#### Implementation Measure

A. The County shall continue to maintain provisions in the Kern County Zoning Ordinance to provide for the safe and orderly development of transformation projects.

### 5.4.5 Solar Energy Development

**Goal:** Encourage safe and orderly commercial solar development.

#### Policies

1. The County shall encourage domestic and commercial solar energy uses to conserve fossil fuel and improve air quality.
2. The County should attempt to identify and remove disincentives to domestic and commercial solar energy development.
3. The County should permit solar energy development in the desert and valley planning regions that does not pose significant environmental or public health and safety hazards.
4. The County should encourage solar development in the desert and valley regions previously disturbed, and discourage development of energy projects on undisturbed land supporting State or federally protected plant and wildlife species.

### Implementation Measures

A. The County shall continue to maintain, and update as necessary, provisions in the Kern County Zoning Ordinance to provide adequate development standards for commercial solar energy development.

B. The County should work with affected State and federal agencies and interest groups to establish consistent policies for solar energy development.

# 3.3 Greenhouse Gas Inventories and Climate Change Conditions

## 3.3.1 Sources of Greenhouse Gas Emissions

Anthropogenic GHG emissions worldwide in 2019 (the most recent year for which data is available) totaled approximately 51,700 million metric tons (MMT) of $CO_2e$, excluding land use change and forestry (PBL 2022). Five countries—China, the United States, the Russian Federation, India, Japan, and the European Union accounted for approximately 60% of the total global emissions, or approximately 31,020 MMT $CO_2e$ (PBL 2022).

Per the 2024 U.S. Environmental Protection Agency (EPA) Inventory of U.S. GHG Emissions and Sinks: 1990–2022, total U.S. GHG emissions were approximately 6,343 MMT $CO_2e$ in 2022 (EPA 2024). The primary GHG emitted by human activities in the United States was $CO_2$, which represented approximately 79.7% of total GHG emissions (5,053 MMT $CO_2e$). The largest source of $CO_2$, and of overall GHG emissions, was fossil-fuel combustion, which accounted for approximately 93.0% of $CO_2$ emissions in 2022 (4,699 MMT $CO_2e$). Relative to the 1990 emissions level, gross U.S. GHG emissions in 2022 were 3.0% lower. GHG emissions increased from 2021 to 2022 by 0.2% (14.4 MMT $CO_2e$) and, overall, net emissions in 2022 were 15.4% below 2005 levels (EPA 2024).

According to California's 2000 through 2022 GHG emissions inventory (2024 edition), California emitted 371.1 MMT $CO_2e$ in 2022, including emissions resulting from out-of-state electrical generation (CARB 2024). The sources of GHG emissions in California include transportation, industry, electric power production from both in-state and out-of-state sources, residential and commercial activities, agriculture, high GWP substances, and recycling and waste. The California GHG emissions source categories and their relative contributions in 2022 are presented in Table 23.

**Table 23. Greenhouse Gas Emissions Sources in California**

| Source Category | Annual GHG Emissions (MMT $CO_2e$) | Percent of Total[a] |
|---|---|---|
| Transportation | 139.9 | 37.7% |
| Industrial | 72.7 | 19.6% |
| Electricity (in state) | 42.2 | 11.4% |
| Electricity (imports) | 17.5 | 4.7% |
| Agriculture | 29.8 | 8.0% |
| Residential | 24.7 | 6.6% |
| Commercial | 14.8 | 4.0% |
| High global-warming potential substances | 21.3 | 5.7% |
| Recycling and waste | 8.2 | 2.2% |

**Table 23. Greenhouse Gas Emissions Sources in California**

| Source Category | Annual GHG Emissions (MMT $CO_2e$) | Percent of Total[a] |
|---|---|---|
| Total | 371.1 | 100% |

**Source:** CARB 2024.
**Notes:** GHG = greenhouse gas; MMT $CO_2e$ = million metric tons of carbon dioxide equivalent.
[a] Percentage of total has been rounded, and total may not sum due to rounding.

From 2000 to 2022, the carbon intensity of California's economy decreased by 54.8% while the gross state product increased by 77.5%. California's gross state product increased 0.7% in 2022. Emissions per gross state product declined by 3.1% from 2021 to 2022 (CARB 2024).

On May 3, 2011, the Kern County Board of Supervisors signed a memorandum of understanding with the SJVAPCD to develop a communitywide GHG emissions inventory for the County. The Kern County Communitywide GHG Emissions Inventory 2005 Baseline Year – 2020 Forecast was finalized in May 2012. The GHG emission inventories were estimated for nine primary sectors (electricity production and consumption, residential/commercial/industrial combustion, transportation, fossil fuels industry, industrial processes, waste management, agriculture, forestry and land use, and other sources). The 2005 base year and 2020 forecasted GHG emissions inventory is presented below in Table 24, Kern County Greenhouse Gas Emissions by Sectors.

**Table 24. Kern County Greenhouse Gas Emissions by Sectors**

| Source Category | Annual GHG Emissions (MT $CO_2e$) | | | |
|---|---|---|---|---|
| | 2005 Base Year | | | Percent of 2020 Total |
| Electricity consumption | 6,039,114 | 22 | 8,572,261 | 31 |
| Residential/commercial/industrial combustion | 1,281,498 | 5 | 1,689,414 | 6 |
| Transportation | 4,569,913 | 17 | 4,823,756 | 18 |
| Fossil fuels industry | 10,928,153 | 40 | 7,002,009 | 26 |
| Industrial processes | 1,852,124 | 7 | 2,348,754 | 9 |
| Waste management | 120,494 | 1 | 146,788 | 1 |
| Agriculture | 2,024,470 | 7 | 2,625,616 | 10 |
| Forestry and land use | 11,028 | 1 | 14,669 | 1 |
| Other sources | 218,823 | 1 | 22,442 | 1 |
| Total | 27,045,617 | 100 | 27,272,709 | 100 |

**Source:** Kern County 2012.
**Notes:** GHG = greenhouse gas; MT $CO_2e$ = metric tons of carbon dioxide equivalent.
Total may not add due to rounding.

## 3.3.2 Potential Effects of Climate Change

In California, climate change impacts have the potential to affect sea-level rise, agriculture, snowpack and water supply, forestry, wildfire risk, public health, and electricity demand and supply. The primary effect of global climate change has been a rise in average global tropospheric temperature. Reflecting the long-term warming trend that

began in pre-industrial times, observed mean surface temperature for the decade 2006–2015 was 0.87°C (likely between 0.75°C and 0.99°C) higher than the average over the 1850–1900 period (IPCC 2018). Scientific modeling predicts that continued emissions of GHGs at or above current rates would induce more extreme climate changes during the twenty-first century than were observed during the twentieth century. Human activities are estimated to have caused approximately 1.0°C (1.8°F) of global warming above pre-industrial levels, with a likely range of 0.8°C to 1.2°C (1.4°F to 2.2°F) (IPCC 2018). Global warming is likely to reach 1.5°C (2.7°F) between 2030 and 2052 if it continues to increase at the current rate (IPCC 2018).

Although climate change is driven by global atmospheric conditions, climate change impacts are felt locally. A scientific consensus confirms that climate change is already affecting California. The Office of Environmental Health Hazard Assessment identified various indicators of climate change in California, which are scientifically based measurements that track trends in various aspects of climate change. Many indicators reveal discernible evidence that climate change is occurring in California and is having significant, measurable impacts in the state. Changes in the state's climate have been observed, including an increase in annual average air temperature with record warmth from 2012 to 2016, more frequent extreme heat events, more extreme drought, a decline in winter chill, an increase in cooling degree days and a decrease in heating degree days, and an increase in variability of statewide precipitation (OEHHA 2018).

Warming temperatures and changing precipitation patterns have altered California's physical systems—the ocean, lakes, rivers, and snowpack—upon which the state depends. Winter snowpack and spring snowmelt runoff from the Sierra Nevada and southern Cascade Mountains provide approximately one-third of the state's annual water supply. Impacts of climate on physical systems have been observed, such as high variability of snow-water content (i.e., amount of water stored in snowpack), decrease in snowmelt runoff, glacier change (loss in area), rise in sea levels, increase in average lake water temperature and coastal ocean temperature, and a decrease in dissolved oxygen in coastal waters (OEHHA 2018).

Impacts of climate change on biological systems, including humans, wildlife, and vegetation, have also been observed, including climate change impacts on terrestrial, marine, and freshwater ecosystems. As with global observations, species responses include those consistent with warming: elevational or latitudinal shifts in range, changes in the timing of key plant and animal life cycle events, and changes in the abundance of species and in community composition. Humans are better able to adapt to a changing climate than plants and animals in natural ecosystems. Nevertheless, climate change poses a threat to public health, as warming temperatures and changes in precipitation can affect vector-borne pathogen transmission and disease patterns in California and the variability of heat-related deaths and illnesses. In addition, since 1950, the area burned by wildfires each year has been increasing.

The California Natural Resources Agency has released four California Climate Change Assessments (2006, 2009, 2012, and 2018), which have addressed the following: acceleration of warming across the state, more intense and frequent heat waves, greater riverine flows, accelerating sea-level rise, more intense and frequent drought, more severe and frequent wildfires, more severe storms and extreme weather events, shrinking snowpack and less overall precipitation, and ocean acidification, hypoxia, and warming. To address local and regional governments' need for information to support action in their communities, the Fourth Assessment (CNRA 2018b) includes reports for nine regions of the state, including the San Joaquin Valley Region, where the project is located. Key projected climate changes for the San Joaquin Region include the following (CNRA 2018b):

- Agriculture is one of the most vulnerable sectors under climate change due in part to more frequent and severe drought, as well as tighter water supply.

- Ecosystems in the San Joaquin Valley are highly vulnerable to climate change given existing anthropogenic stressors and the lack of organization of landscape-scale science, funding, and mitigation of adverse impacts within the region.
- Water resources within the San Joaquin Valley region will be severely impacted by climate change.
- Infrastructure in the San Joaquin Valley, including urban, water, and transportation systems may face increased stress from higher temperatures and extreme precipitation events, including droughts and floods.

**Agriculture.** Some of the specific challenges faced by the agricultural sector and farmers include more drastic and unpredictable precipitation and weather patterns; extreme weather events that range from severe flooding to extreme drought to destructive storm events; significant shifts in water availably and water quality; changes in pollinator lifecycles; temperature fluctuations, including extreme heat stress and decreased chill hours; increased risks from invasive species and weeds, agricultural pests, and plant diseases; and disruptions to the transportation and energy infrastructure supporting agricultural production.

**Biodiversity and Habitat.** Specific climate change challenges to biodiversity and habitat include species migration in response to climatic changes, range shift, and novel combinations of species; pathogens, parasites, and disease; invasive species; extinction risks; changes in the timing of seasonal life-cycle events; food web disruptions; and threshold effects (i.e., a change in the ecosystem that results in a "tipping point" beyond which irreversible damage or loss has occurred).

**Energy.** Specific climate change challenges for the energy sector include temperature, fluctuating precipitation patterns, increasing extreme weather events, and sea-level rise.

**Forestry.** The most significant climate change-related risk to forests is accelerated risk of wildfire and more frequent and severe droughts. Droughts have resulted in more large-scale mortalities and, combined with increasing temperatures, have led to an overall increase in wildfire risks. Increased wildfire intensity subsequently increases public safety risks, property damage, fire suppression and emergency response costs, watershed and water quality impacts, and vegetation conversions.

**Ocean and Coastal Ecosystems and Resources.** Sea-level rise, changing ocean conditions, and other climate change stressors are likely to exacerbate long-standing challenges related to ocean and coastal ecosystems, in addition to threatening people and infrastructure located along the California coastline and in coastal communities. Sea-level rise, in addition to more frequent and severe coastal storms and erosion, are threatening vital infrastructure such as roads, bridges, power plants, ports, airports, gasoline pipes, and emergency facilities, as well as negatively impacting coastal recreational assets such as beaches and tidal wetlands.

**Public Health.** Climate change can impact public health through various environmental changes and is the largest threat to human health in the twenty-first century. Changes in precipitation patterns affect public health primarily through potential for altered water supplies and extreme events such as heat, floods, droughts, and wildfires. Increased frequency, intensity, and duration of extreme heat and heat waves are likely to increase the risk of mortality due to heat-related illness, as well as exacerbate existing chronic health conditions. Other extreme weather events are likely to negatively impact air quality and increase or intensify respiratory illness, such as asthma and allergies.

**Transportation.** Although the transportation industry is a source of GHG emissions, it is also vulnerable to climate change risks. Increasing temperatures and extended periods of extreme heat threaten the integrity of the roadways and rail lines. High temperatures cause the road surfaces to expand, which leads to increased pressure and

pavement buckling. High temperatures can also cause rail breakages, which could lead to train derailment. Other forms of extreme weather events, such as extreme storm events, can negatively impact infrastructure, which can impair movement of peoples and goods or potentially block evacuation routes and emergency access roads. Increased wildfires, flooding, erosion risks, landslides, mudslides, and rockslides can all profoundly impact the transportation system and pose a serious risk to public safety.

**Water.** Climate change could seriously impact the timing, form, and amount of precipitation; runoff patterns; and frequency and severity of precipitation events. Higher temperatures reduce the amount of snowpack and lead to earlier snowmelt, which can impact water supply availability, natural ecosystems, and winter recreation. Water supply availability during the intense dry summer months is heavily dependent on the snowpack accumulated during the wintertime. Increased risk of flooding has a variety of public health concerns, including water quality, public safety, property damage, displacement, and post-disaster mental health problems. Prolonged and intensified droughts can also negatively affect groundwater reserves and result in increased overdraft and subsidence. The higher risk of wildfires can lead to increased erosion, which can negatively impact watersheds and result in poor water quality.

# 3.4 Significance Criteria and Methodology

## 3.4.1 Thresholds of Significance

The significance criteria used to evaluate the project's GHG emissions impacts is based on the recommendations provided in Appendix G of the CEQA Guidelines. For the purposes of this GHG emissions analysis, the project would have a significant environmental impact if it would (14 CCR 15000 et seq.):

1. Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?
2. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs?

Global climate change is a cumulative impact; a project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHGs. There are currently no established thresholds for assessing whether the GHG emissions of a project, such as the proposed project, would be considered a cumulatively considerable contribution to global climate change; however, all reasonable efforts should be made to minimize a project's contribution to global climate change. In addition, while GHG impacts are recognized exclusively as cumulative impacts (CAPCOA 2008), GHG emissions impacts must also be evaluated on a project level under CEQA.

The CEQA Guidelines do not prescribe specific methodologies for performing an assessment, do not establish specific thresholds of significance, and do not mandate specific mitigation measures. Rather, the CEQA Guidelines emphasize the lead agency's discretion to determine the appropriate methodologies and thresholds of significance consistent with the manner in which other impact areas are handled in CEQA (CNRA 2009). The State of California has not adopted emission-based thresholds for GHG emissions under CEQA. The Governor's Office of Planning and Research's Technical Advisory, titled Discussion Draft CEQA and Climate Change Advisory, states that (OPR 2018):

> Neither the CEQA statute nor the CEQA Guidelines prescribe thresholds of significance or particular methodologies for performing an impact analysis. This is left to lead agency judgment and discretion,

> based upon factual data and guidance from regulatory agencies and other sources where available and applicable. Even in the absence of clearly defined thresholds for GHG emissions, such emissions must be disclosed and mitigated to the extent feasible whenever the lead agency determines that the project contributes to a significant, cumulative climate change impact.

Furthermore, the advisory document indicates that "in the absence of regulatory standards for GHG emissions or other scientific data to clearly define what constitutes a 'significant impact,' individual lead agencies may undertake a project-by-project analysis, consistent with available guidance and current CEQA practice." Section 15064.7(c) of the CEQA Guidelines specifies that "when adopting thresholds of significance, a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies, or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence."

Notwithstanding the CEQA Guidelines, local land use agencies sought additional technical assistance from expert air quality agencies in how to complete the suggested quantitative analysis of the significance of GHG emissions for land use projects being considered under CEQA. The SJVAPCD adopted Guidance for Valley Land-Use Agencies in Addressing GHG Emission Impacts for New projects under CEQA (SJVAPCD 2009c). The guidance relies on either BPS or 29% reduction compared to BAU to assess significance of project-specific GHG emissions on global climate change during the environmental review process. Notably, the project would not be considered a stationary project with applicable BPS. Regarding the BAU threshold, the Supreme Court in its 2015 decision, *Center for Biological Diversity v. Department of Fish and Wildlife*, S217763 (Newhall), concluded that substantial evidence is required to support the application of AB 32's statewide GHG-reduction goal of 29% to new land use projects. Since neither the BPS nor BAU approach is generally appropriate for this project, the SJVAPCD guidance was not used for this analysis. However, the SJVAPCD guidance does not limit a lead agency's authority in establishing its own process and guidance for determining significance of project-related impacts on global climate change.

In the absence of any applicable numeric threshold, this analysis assesses compliance with applicable plans, policies, regulations, and requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions. As a land use development project, the most directly applicable adopted regulatory plan to reduce GHG emissions is the KCOG 2022 RTP/SCS, which is designed to achieve regional GHG reductions from the land use and transportation sectors as required by SB 375 and the state's long-term climate goals. This analysis also considers consistency with regulations and requirements adopted pursuant to the Scoping Plan and the County's General Plan. GHG emissions from project construction and operation are included for disclosure consistent with Governor's Office of Planning and Research recommendations and industry practice.

## 3.4.2 Approach and Methodology

### 3.4.2.1 Construction

CalEEMod Version 2022.1.1.29 was used to estimate potential project-generated GHG emissions during construction. Construction of the project would result in GHG emissions primarily associated with use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. All details for construction criteria air pollutants discussed in Section 2.4.2.1 are also applicable for the estimation of

construction-related GHG emissions. As such, see Section 2.4.2.1 for a discussion of construction emissions calculation methodology and assumptions. According to the Project Description (Section 1.3), it is estimated that the project would use up to 3,500 acre-feet of water during construction, with water usage not to exceed 1,000 acre-feet per year.

### 3.4.2.2 Operation

Emissions from the operational phase of the project were estimated using CalEEMod Version 2022.1.1.29. Operational year 2030 was assumed consistent with completion of project construction. CalEEMod was used to estimate potential project-generated operational GHG emissions from area sources (landscape maintenance), energy sources (electricity), mobile sources, solid waste, refrigerants, water supply, and wastewater treatment. Emissions from each category are discussed in the following text with respect to the project. For additional details, see Section 2.4.2.2, Operational Emissions, for a discussion of operational emission calculation methodology and assumptions, specifically for area, energy, and mobile sources.

#### Area Sources

During operations and maintenance, one of the main sources of GHG emissions would be fugitive emissions from equipment containing $SF_6$ gas installed at the proposed substations. $SF_6$ has a GWP of 23,900 using $CO_2$ at a reference value of 1 (IPCC 2007). Six collector substations would include 138 kV breakers, and one PG&E substation would include a 115 kV breaker, which would all contain $SF_6$ gas. It is estimated that the project would maintain a total of 806 pounds of $SF_6$ gas at the substations. Although leakage is unlikely, for the purposes of the project's emissions inventory, it was assumed that the breakers would have a maximum annual leak rate of 0.5% in accordance with the Institute of Electrical and Electronics Engineers (IEEE) PC37.122 - Standard for High Voltage Gas-Insulated Substations Rated Above 52 kV (IEEE 2018). Emissions from $SF_6$ gas are included as part of area source emissions.

#### Energy Sources

The estimation of operational energy emissions was based on CalEEMod land use defaults and total area (i.e., square footage) of the project's land use. The project would not use natural gas during operation; as such, only GHG emissions from electricity use were estimated herein. There would be energy loss from the BESS during operation due to auxiliary loads for cooling and lighting and losses. It was estimated that there is a 3% auxiliary load and the batteries would charge and discharge 365 days per year.

The current version of CalEEMod assumes compliance with the 2019 Title 24 Building Energy Efficiency Standards (CAPCOA 2022); however, the project would be required to comply with the 2022 Title 24 Standards at a minimum. CalEEMod default energy intensity factors ($CO_2$, $CH_4$, and $N_2O$ mass emissions per kilowatt-hour) for Pacific Gas and Electric (PG&E) is based on the value for PG&E's energy mix in 2021. As explained in Section 3.2.2, SB X1-2 established a target of 33% from renewable energy sources for all electricity providers in California by 2020, and SB 100 calls for further development of renewable energy, with a target of 60% by 2030.

#### Mobile Sources

All details for criteria air pollutants discussed in Section 2.4.2.2 are also applicable for the estimation of operational mobile-source GHG emissions. Mobile sources for the project would primarily be motor vehicles (automobiles, light-

duty trucks, and heavy-duty trucks)[12] traveling to and from the project site. As discussed in Section 2.4.2.2, emissions from the mobile sources during operation of the project were estimated using CalEEMod.

### Solid Waste

The project would generate solid waste and therefore result in $CO_2e$ emissions associated with landfill off-gassing. CalEEMod default values for solid waste generation were used to estimate GHG emissions associated with solid waste.

### Water and Wastewater

The project would involve use of a private well for water and an on-site septic system for sewage disposal. Water consumption estimates for indoor water use were estimated using CalEEMod default values. According to the Project Description (Section 1.3), it is estimated that the solar facility would require 7 acre-feet of water per year for select panel washing, which would be provided by the on-site well. Electricity use for water supply is based on the indoor and outdoor water use default values in CalEEMod.

### Refrigerants

CalEEMod was utilized to estimate fugitive GHG emissions from refrigerants used for air conditioning and refrigeration equipment. Different types of refrigeration equipment are utilized for different types of land uses and CalEEMod generates default refrigerant values based on land use subtype and industry data from the EPA. CalEEMod quantifies refrigerant emissions from leaks during regular operation and routine servicing over the equipment lifetime and then derives average annual emissions from the lifetime estimate, but does not quantify emissions from the disposal of refrigeration and air conditioning equipment at the end of its lifetime.

Most of the refrigerants used today are HFCs or blends thereof, which can have high GWP values. However, California is required to reduce HFC emissions 40% below 2013 levels by 2030 under SB1383, and regulations have been adopted to place GWP limits on HFCs, such as SB 120. While CalEEMod default refrigerant values were assumed for the land use surrogate of commercial research and development land use, it is anticipated to be conservative.

## 3.5 Impact Analysis

### 3.5.1 Would the Project Generate Greenhouse Gas Emissions, Either Directly or Indirectly, That May Have a Significant Impact on the Environment?

Please refer to analysis in Section 3.5.2.

[12] "Heavy-duty trucks" include medium-heavy-duty trucks (3-axle) and heavy-heavy-duty trucks (4+-axle).

## 3.5.2 Would the Project Conflict with an Applicable Plan, Policy, or Regulation Adopted for the Purpose of Reducing the Emissions of Greenhouse Gases?

### Construction Emissions

Construction of the project would result in GHG emissions, which are primarily associated with the use of off-road construction equipment, haul trucks, on-road vendor trucks, and worker vehicles.

CalEEMod was used to calculate the annual GHG emissions based on the construction scenario described in Section 2.4.2.1. Construction of the project is anticipated to commence as early as July 2025 and would last approximately 60 months, ending in June 2030. On-site sources of GHG emissions include off-road equipment, and off-site sources include vendor trucks and worker vehicles. Table 25 presents construction emissions for the project from on-site and off-site emission sources.

**Table 25. Estimated Annual Construction Greenhouse Gas Emissions – Unmitigated**

| Year | $CO_2$ | $CH_4$ | $N_2O$ | R | $CO_2e$ |
|---|---|---|---|---|---|
| | Metric Tons per Year | | | | |
| 2025 | 2,025.10 | 0.05 | 0.14 | 1.59 | 2,071.03 |
| 2026 | 6,098.89 | 0.13 | 0.45 | 5.13 | 6,241.35 |
| 2027 | 3,742.63 | 0.09 | 0.27 | 2.39 | 3,828.46 |
| 2028 | 6,541.85 | 0.14 | 0.45 | 4.45 | 6,684.52 |
| 2029 | 6,476.54 | 0.13 | 0.48 | 4.47 | 6,628.48 |
| 2030 | 2,754.48 | 0.06 | 0.21 | 1.77 | 2,819.66 |
| **Total** | **27,639.49** | **0.60** | **2.00** | **19.80** | **28,273.50** |
| | | | **Amortized Emissions (over 30 years)** | | **942.45** |

**Notes:** $CO_2$ = carbon dioxide; $CH_4$ = methane; $N_2O$ = nitrous oxide; R=refrigerant; $CO_2e$ = carbon dioxide equivalent; <0.01 = reported value is less than 0.01.

As shown in Table 25, the estimated total unmitigated GHG emissions during construction would be approximately 28,274 MT $CO_2e$ over the construction period. Estimated project-generated construction emissions amortized over 30 years would be approximately 943 MT $CO_2e$ per year. As with project-generated construction criteria air pollutant emissions, GHG emissions generated during construction of the project would be short-term in nature, lasting only for the duration of the construction period, and would not represent a long-term source of GHG emissions. Table 26 presents the unmitigated decommissioning emissions for the project from on-site and off-site emission sources.

**Table 26. Estimated Annual Decommissioning Greenhouse Gas Emissions – Unmitigated**

| Year | $CO_2$ | $CH_4$ | $N_2O$ | R | $CO_2e$ |
|---|---|---|---|---|---|
| | Metric Tons per Year | | | | |
| 2061 | 870.16 | 0.02 | 0.05 | 0.04 | 885.20 |
| 2062 | 5,651.37 | 0.10 | 0.31 | 0.23 | 5,746.70 |

## Table 26. Estimated Annual Decommissioning Greenhouse Gas Emissions – Unmitigated

| Year | $CO_2$ | $CH_4$ | $N_2O$ | R | $CO_2e$ |
|---|---|---|---|---|---|
| | Metric Tons per Year | | | | |
| 2063 | 5,430.94 | 0.11 | 0.29 | 0.18 | 5,519.07 |
| **Total** | **11,952.47** | **0.23** | **0.65** | **0.44** | **12,150.98** |
| | | | | **Amortized Emissions (over 30 years)** | **405.03** |

**Notes:** $CO_2$ = carbon dioxide; $CH_4$ = methane; $N_2O$ = nitrous oxide; R=refrigerant; $CO_2e$ = carbon dioxide equivalent; <0.01 = reported value is less than 0.01.

As shown in Table 26, the estimated total GHG emissions during decommissioning would be approximately 12,151 MT $CO_2e$ over the construction period. Estimated project-generated decommissioning emissions amortized over 30 years would be approximately 405 MT $CO_2e$ per year.

The total amortized emissions for both decommissioning and construction of the project would total approximately 1,348 MT $CO_2e$ per year. Table 27 presents the mitigated construction emissions for the project from on-site and off-site emission sources including **MM-AQ-1** and **MM-AQ-2**. The mitigation measure **MM-AQ-3** would not have an impact on GHG emissions.

## Table 27. Estimated Annual Construction Greenhouse Gas Emissions – Mitigated

| Year | $CO_2$ | $CH_4$ | $N_2O$ | R | $CO_2e$ |
|---|---|---|---|---|---|
| | Metric Tons per Year | | | | |
| 2025 | 2,005.92 | 0.05 | 0.14 | 1.59 | 2,051.79 |
| 2026 | 6,066.10 | 0.13 | 0.45 | 5.13 | 6,208.45 |
| 2027 | 3,705.27 | 0.09 | 0.27 | 2.39 | 3,790.98 |
| 2028 | 5,979.08 | 0.12 | 0.45 | 4.45 | 6,119.82 |
| 2029 | 6,266.94 | 0.12 | 0.48 | 4.47 | 6,418.17 |
| 2030 | 2,715.08 | 0.05 | 0.21 | 1.77 | 2,780.12 |
| **Total** | **26,738.39** | **0.56** | **2.00** | **19.80** | **27,369.33** |
| | | | | **Amortized Emissions (over 30 years)** | **912.31** |

**Notes:** $CO_2$ = carbon dioxide; $CH_4$ = methane; $N_2O$ = nitrous oxide; R=refrigerant; $CO_2e$ = carbon dioxide equivalent; <0.01 = reported value is less than 0.01.

As shown in Table 27, the estimated total mitigated GHG emissions during construction would be approximately 27,369 MT $CO_2e$ over the construction period. Estimated project-generated construction emissions amortized over 30 years would be approximately 912 MT $CO_2e$ per year. As with project-generated construction criteria air pollutant emissions, GHG emissions generated during construction of the project would be short-term in nature, lasting only for the duration of the construction period, and would not represent a long-term source of GHG emissions. Table 28 presents the mitigated decommissioning emissions for the project from on-site and off-site emission sources including **MM-AQ-1** and **MM-AQ-2**.

### Table 28. Estimated Annual Decommissioning Greenhouse Gas Emissions – Mitigated

| Year | $CO_2$ | $CH_4$ | $N_2O$ | R | $CO_2e$ |
|---|---|---|---|---|---|
| | Metric Tons per Year | | | | |
| 2061 | 863.28 | 0.02 | 0.05 | 0.04 | 878.30 |
| 2062 | 5,406.24 | 0.09 | 0.31 | 0.23 | 5,500.73 |
| 2063 | 4,468.34 | 0.07 | 0.28 | 0.18 | 4,553.17 |
| **Total** | **10,737.86** | **0.18** | **0.64** | **0.45** | **10,932.2** |
| | | | | **Amortized Emissions (over 30 years)** | **364.41** |

**Notes:** $CO_2$ = carbon dioxide; $CH_4$ = methane; $N_2O$ = nitrous oxide; R=refrigerant; $CO_2e$ = carbon dioxide equivalent; <0.01 = reported value is less than 0.01.

As shown in Table 28, the estimated total mitigated GHG emissions during decommissioning would be approximately 10,932 MT $CO_2e$ over the construction period. Estimated project-generated decommissioning emissions amortized over 30 years would be approximately 364 MT $CO_2e$ per year.

The total amortized mitigated emissions for both decommissioning and construction of the project would total approximately 1,277 MT $CO_2e$ per year.

## Operational Emissions

Operation of the project would generate GHG emissions through passenger vehicle and delivery truck trips to and from the project site; area sources, including landscape maintenance equipment operation and $SF_6$ leakage from substations; energy use (generation of electricity consumed by the project); water use; solid waste disposal; and refrigerants. CalEEMod and a spreadsheet model were used to calculate the annual GHG emissions based on the operational assumptions described in Section 3.4.2.2, Operation. The estimated operational project-generated GHG emissions are shown in Table 29.

### Table 29. Summary of Estimated Annual Operational Greenhouse Gas Emissions

| Emissions Source | $CO_2$ | $CH_4$ | $N_2O$ | R | $CO_2e$ |
|---|---|---|---|---|---|
| | Metric Tons per Year | | | | |
| Mobile | 403.10 | 0.00 | 0.05 | 0.36 | 417.46 |
| Area | 44.44 | 0.00 | 0.00 | ND | 44.44 |
| Energy | 8,167.04 | 1.32 | 0.16 | ND | 8,247.80 |
| Water | 0.72 | 0.13 | 0.00 | ND | 4.08 |
| Waste | 5.80 | 0.58 | ND | ND | 20.28 |
| Refrigerants | ND | ND | ND | 2.16 | 2.16 |
| **Total** | **8,621.10** | **2.03** | **0.21** | **2.52** | **8,736.22** |
| | | | | *Amortized Construction and Decommissioning Emissions (over 30 years)*[1] | *1,276.72* |
| | | | | **Project Operations + Amortized Construction Total** | ***10,012.94*** |

**Notes:** $CO_2$ = carbon dioxide; $CH_4$ = methane; $N_2O$ = nitrous oxide; R= refrigerants; $CO_2e$ = carbon dioxide equivalent; ND = no emission estimates reported; <0.01 = reported value is less than 0.01.
See Attachment A for complete results.
[1] This conservatively includes the mitigated GHG emissions from Tables 27 and 28.

As shown in Table 29, estimated annual project-generated GHG emissions would be approximately 10,013 MT $CO_2e$ per year as a result of project operations and amortized construction and decommissioning.

## Avoided GHG Emissions

The project would provide a source of renewable energy to support statewide RPS targets of 60% by 2030 and 100% by 2045, consistent with the renewable energy targets in the Scoping Plan and required by SB 100 and EO B-55-18. The generation of renewable energy would offset GHG emissions generated by fossil-fuel power plants. As noted above, the proposed project would generate approximately 10,013 MT $CO_2e$ per year. According to PVWatts, the proposed project is expected to produce an estimated 3,390,332 megawatt-hours of electricity per year. The default CalEEMod $CO_2e$ emission factor for PG&E was 206.00 pounds of $CO_2e$ per megawatt-hour from 2019 (CAPCOA 2022). Assuming that PG&E would meet the EO B-55-18 carbon neutrality target in 2045, a linear regression of the PG&E GHG emission factor was calculated from 2030 to 2044. This would mean that the proposed project would avoid less GHG emissions over time. Assuming this, the proposed project would avoid a total of 1,461,746 MT $CO_2e$ from 2030 through 2044. Accounting for 30 years of the total operational emissions shown in Table 29, the project would emit approximately 300,388 MT $CO_2e$ during operation. Therefore, the project would avoid a net 1,161,358 MT $CO_2e$ over its lifetime. The proposed project is expected to be operational through 2060 and thus it would not be avoiding GHG emissions from 2045 through 2060.

## Project Consistency with Applicable Greenhouse Gas-Related Laws and Regulations

The project's consistency with statewide GHG reduction strategies is summarized in detail in Table 30.

## Table 30. Applicable Greenhouse Gas-Related Laws and Regulations

| Project Component | Applicable Laws/ Regulations | Greenhouse Gas Reduction Measures Required for Project |
|---|---|---|
| **Building Components/Facility Operations** | | |
| Roofs/Ceilings/ Insulation | CALGreen Code (Title 24, Part 11)<br>California Energy Code (Title 24, Part 6) | The project must comply with efficiency standards regarding roofing, ceilings, and insulation. For example:<br>Roofs/Ceilings: New construction must reduce roof heat island effects per CALGreen Code Section 106.11.2, which requires use of roofing materials having a minimum aged solar reflectance, thermal emittance complying with Section A5.106.11.2.2 and A5.106.11.2.3, or a minimum aged Solar Reflectance Index as specified in Tables A5.106.11.2.2 or A5.106.11.2.3. Roofing materials must also meet solar reflectance and thermal emittance standards contained in Title 20 Standards.<br>Roof/Ceiling Insulation: There are also requirements for the installation of roofing and ceiling insulation. (See Title 24, Part 6 Compliance Manual at Section 3.2.2.) |
| Flooring | CALGreen Code | The project must comply with efficiency standards regarding flooring materials. For example, for 80% of the floor area that must receive "resilient flooring," the flooring must meet applicable installation and material requirements contained in CALGreen Code Section 5.504.4.6. |
| Window and Doors (Fenestration) | California Energy Code | The project must comply with fenestration efficiency requirements. For example, the choice of windows, glazed doors, and any skylights for the project must conform to energy consumption requirements affecting size, orientation, and types of fenestration products used. (See Title 24, Part 6 Compliance Manual, Section 3.3.) |
| Building Walls/ Insulation | CALGreen Code<br>California Energy Code | The project must comply with efficiency requirements for building walls and insulation.<br>Exterior Walls: Must meet requirements in current edition of California Energy Code and comply with Sections A5.106.7.1 or A5.106.7.2 of CALGreen Code for wall surfaces, as well as Section 5.407.1, which requires weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1403.2. Construction must also meet requirements contained in Title 24, Part 6, which vary by material of the exterior walls. (See Title 24, Part 6 Compliance Manual, Part 3.2.3.)<br>Demising (Interior) Walls: Mandatory insulation requirements for demising walls (which separate conditioned from non-conditioned space) differ by the type of wall material used. (*Id.* at 3.2.4.)<br>Door Insulation: There are mandatory requirements for air infiltration rates to improve insulation efficiency; they differ according to the type of door. (*Id.* at 3.2.5.) |

## Table 30. Applicable Greenhouse Gas-Related Laws and Regulations

| Project Component | Applicable Laws/ Regulations | Greenhouse Gas Reduction Measures Required for Project |
|---|---|---|
| | | Flooring Insulation: There are mandatory requirements for insulation that depend on the material and location of the flooring. *(Id.* at 3.2.6.) |
| Finish Materials | CALGreen Code | The project must comply with pollutant control requirements for finish materials. For example, materials including adhesives, sealants, caulks, paints and coatings, carpet systems, and composite wood products must meet requirements in CALGreen Code to ensure pollutant control. (CALGreen Code Section 5.504.4.) |
| Wet Appliances (Toilets/Faucets/Urinal, Dishwasher/Clothes Washer, Water Heater) | CALGreen Code<br>California Energy Code<br>Appliance Efficiency Regulations (Title 20 Standards) | Wet appliances associated with the project must meet various efficiency requirements. For example:<br>Toilets/Faucets/Urinals: Use associated with the project is subject to new maximum rates for toilets, urinals, and faucets effective January 1, 2016:<br>Showerheads maximum flow rate 2.5 gpm at 80 psi<br>Wash fountains 2.2 × (rim space in inches/20) gpm at 60 psi<br>Metering faucets 0.25 gallons/cycle<br>Lavatory faucets and aerators 1.2 gpm at 60 psi<br>Kitchen faucets and aerators 1.8 gpm with optional temporary flow of 2.2 gpm at 60 psi<br>Public lavatory faucets 0.5 gpm at 60 psi<br>Trough-type urinals 16 inches length<br>Wall mounted urinals 0.125 gallons per flush<br>Other urinals 0.5 gallons per flush<br>(Title 20 Standards, Sections 1605.1[h],[i] 1065.3[h],[i])<br>Water heaters: Use associated with the project is subject to appliance efficiency requirements for water heaters. (Title 20 Standards, Sections 1605.1[f], 1605.3[f])<br>Dishwasher/Clothes washer: Use associated with the project is subject to appliance efficiency requirements for dishwashers and clothes washers. (Title 20 Standards, Sections 1605.1[o],[p],[q], 1605.3[o],[p],[q]) |

## Table 30. Applicable Greenhouse Gas-Related Laws and Regulations

| Project Component | Applicable Laws/ Regulations | Greenhouse Gas Reduction Measures Required for Project |
|---|---|---|
| Dry Appliances (Refrigerator/Freezer, Heater/Air Conditioner) | Title 20 Standards CALGreen Code | Dry appliances associated with the project must meet various efficiency requirements. For example:<br><br>Refrigerator/Freezer: Use associated with the project is subject to appliance efficiency requirements for refrigerators and freezers. (Title 20 Standards, Sections 1605.1[a], 1605.3[a])<br><br>Heater/Air Conditioner: Use associated with the project is subject to appliance efficiency requirements for heaters and air conditioners. (Title 20 Standards, Sections 1605.1[b],[c],[d],[e], 1605.3[b],[c],[d],[e], as applicable.) |
| | CALGreen Code | Installations of heating, ventilation, air condition, refrigeration, and fire suppression equipment must comply with CALGreen Code Sections 5.508.1.1 and 508.1.2, which prohibits CFCs, halons, and certain HCFCs and HFCs. |
| Lighting | Title 20 Standards | Lighting associated with the project will be subject to energy efficiency requirements contained in Title 20 Standards.<br><br>General Lighting: Indoor and outdoor lighting associated with the project must comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1[j],[k],[n], 1605.3[j],[k],[n])<br><br>Emergency lighting and self-contained lighting: The project must also comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1[l], 1605.3[l])<br><br>Traffic Signal Lighting: For any necessary project improvements involving traffic lighting, traffic signal modules and traffic signal lamps will need to comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1[m], 1605.3[m]) |
| | California Energy Code | Lighting associated with the project will also be subject to energy efficiency requirements contained in Title 24, Part 6, which contains energy standards for nonresidential indoor lighting and outdoor lighting. (See Title 24 Part 6 Compliance Manual, Sections 5 and 6.)<br><br>Mandatory lighting controls for indoor lighting include, for example, regulations for automatic shutoff, automatic daytime controls, demand-responsive controls, and certificates of installation (Id. at Section 5). Regulations for outdoor lighting include, for example, creation of lighting zones, lighting power requirements, a hardscape lighting power allowance, requirements for outdoor incandescent and luminaire lighting, and lighting control functionality (Id. at Section 6). |

## Table 30. Applicable Greenhouse Gas-Related Laws and Regulations

| Project Component | Applicable Laws/ Regulations | Greenhouse Gas Reduction Measures Required for Project |
|---|---|---|
| | AB 1109 | Lighting associated with the project will be subject to energy efficiency requirements adopted pursuant to AB 1109.<br><br>Enacted in 2007, AB 1109 required the CEC to adopt minimum energy efficiency standards for general purpose lighting and to reduce electricity consumption 25% for indoor commercial lighting. |
| Bicycle and Vehicle Parking | CALGreen Code | The project will be required to provide compliant bicycle parking, fuel-efficient vehicle parking, and electric vehicle charging spaces (CALGreen Code Sections 5.106.4; 5.106.5.1; 5.106.5.3). |
| | California Energy Code | The project is also subject to parking requirements contained in Title 24, Part 6. For example, parking capacity is to meet but not exceed minimum local zoning requirements, and the project should employ approved strategies to reduce parking capacity (Title 24, Part 6, section 106.6). |
| Refrigerants | CARB Management of High-GWP Refrigerants for Stationary Sources | Any refrigerants associated with the project will be subject to CARB standards. CARB's Regulation for the Management of High GWP Refrigerants for Stationary Sources (1) reduces emissions of high-GWP refrigerants from leaky stationary, nonresidential refrigeration equipment; (2) reduces emissions resulting from the installation and servicing of stationary refrigeration and air conditioning appliances using high-GWP refrigerants; and (3) requires verification of GHG emission reductions (CCR, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 5.1, Section 95380 et seq.). |
| Consumer Products | CARB High-GWP GHGs in Consumer Products | All consumer products associated with the project will be subject to CARB standards. CARB's consumer products regulations set VOC limits for numerous categories of consumer products and limits the reactivity of the ingredients used in numerous categories of aerosol coating products (CCR, Title 17, Division 3, Chapter 1, Subchapter 8.5). |

## Table 30. Applicable Greenhouse Gas-Related Laws and Regulations

| Project Component | Applicable Laws/ Regulations | Greenhouse Gas Reduction Measures Required for Project |
|---|---|---|
| **Construction** | | |
| Use of Off-Road Diesel Engines, Vehicles, and Equipment | CARB In-Use Off-Road Diesel Vehicle Regulation | Any relevant vehicle or machine use associated with the project will be subject to CARB standards.<br>The CARB In-Use-Off-Road Diesel Vehicle Regulation applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulation (1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles; (2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and labeled; (3) restricts the adding of older vehicles into fleets starting on January 1, 2014; and (4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines, or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits).<br>The requirements and compliance dates of the Off-Road Regulation vary by fleet size, as defined by the regulation. |
| | Cap-and-Trade Program | Transportation fuels (e.g., gasoline) used in equipment operation would be subject to the Cap-and-Trade Program. (See "Energy Use," below.) |
| Greening New Construction | CALGreen Code | All new construction, including the project, must comply with CALGreen Code, as discussed in more detail throughout this table.<br>Adoption of the mandatory CALGreen Code standards for construction has been essential for improving the overall environmental performance of new buildings; it also sets voluntary targets for builders to exceed the mandatory requirements. |
| Construction Waste | CALGreen Code | The project will be subject to CALGreen Code requirements for construction waste reduction, disposal, and recycling, such as a requirement to recycle and/or salvage for reuse a minimum of 50% of the nonhazardous construction waste in accordance with Section 5.408.1.1; 5.408.1.2; or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent. |
| Worker, vendor, and truck vehicle trips (on-road vehicles) | Cap-and-Trade Program | Transportation fuels (e.g., gasoline) used in worker, vendor, and truck vehicle trips would be subject to the Cap-and-Trade Program. |

## Table 30. Applicable Greenhouse Gas-Related Laws and Regulations

| Project Component | Applicable Laws/ Regulations | Greenhouse Gas Reduction Measures Required for Project |
|---|---|---|
| **Solid Waste** | | |
| Solid Waste Management | Landfill Methane Control Measure | Waste associated with the project will be disposed per state requirements for landfills, material recovery facilities, and transfer stations. Per the statewide GHG emissions inventory, the largest emissions from waste management sectors come from landfills and are in the form of $CH_4$.<br><br>In 2010, CARB adopted a regulation that reduces emissions from methane in landfills, primarily by requiring owners and operators of certain uncontrolled municipal solid waste landfills to install gas collection and control systems, and requires existing and newly installed gas collection and control systems to operate in an optimal manner. The regulation allows local air districts to voluntarily enter into a memorandum of understanding with CARB to implement and enforce the regulation and to assess fees to cover costs of implementation. |
| | Mandatory Commercial Recycling (AB 341) | AB 341 will require the project, if it generates 4 cubic yards or more of commercial solid waste per week, to arrange for recycling services, using one of the following: self-haul; subscribe to a hauler(s); arranging for pickup of recyclable materials; subscribing to a recycling service that may include mixed waste processing that yields diversion results comparable to source separation.<br><br>The project will also be subject to a local commercial solid waste recycling program required to be implemented by each jurisdiction under AB 341. |
| | CALGreen Code | The project will be subject to a CALGreen Code requirement to provide areas that serve the entire building and are identified for the depositing, storage, and collection of nonhazardous materials for recycling (CALGreen Code Section 5.410.1). |
| **Energy Use** | | |
| Renewable Energy | California RPS (SB X1-2, SB 350, and SB 100) | Energy providers associated with the project will be required to comply with RPS set by SB X1-2, SB 350, and SB 100.<br><br>SB X1-2 requires investor-owned utilities, publicly owned utilities, and electric service providers to increase purchases of renewable energy such that at least 33% of retail sales are procured from renewable energy resources by December 31, 2020. In the interim, each entity was required to procure an average of 20% of renewable energy for the period of January 1, 2011, through December 31, 2013; and will be required to procure an average of 25% by December 31, 2016, and 33% by 2020.<br><br>SB 350 requires retail sellers and publicly owned utilities to procure 50% of their electricity from eligible renewable energy resources by 2030. |

## Table 30. Applicable Greenhouse Gas-Related Laws and Regulations

| Project Component | Applicable Laws/ Regulations | Greenhouse Gas Reduction Measures Required for Project |
|---|---|---|
| | | SB 100 increased the standards set forth in SB 350 establishing that 44% of the total electricity sold to retail customers in California per year by December 31, 2024, 52% by December 31, 2027, and 60% by December 31, 2030, be secured from qualifying renewable energy sources. SB 100 states that it is the policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of the retail sales of electricity to California by 2045. |
| | Million Solar Roofs Program (SB 1) | The project will participate in California's energy market, which is affected by implementation of the Million Solar Roofs Program.<br><br>As part of Governor Schwarzenegger's Million Solar Roofs Program, California has set a goal to install 3,000 megawatts of new solar capacity through 2016. The Million Solar Roofs Program is a ratepayer-financed incentive program aimed at transforming the market for rooftop solar systems by driving down costs over time. |
| | California Solar Initiative-Thermal Program | The project will participate in California's energy market, which is affected by implementation of the California Solar Initiative-Thermal Program. Multifamily and commercial properties qualify for rebates of up to $800,000 on solar water heating systems, and eligible solar pool heating systems qualify for rebates of up to $500,000. Funding for the California Solar Initiative-Thermal program comes from ratepayers of Pacific Gas and Electric, Southern California Edison, Southern California Gas Company, and San Diego Gas and Electric. The rebate program is overseen by the CPUC as part of the California Solar Initiative. |
| | Waste Heat and Carbon Emissions Reduction Act (AB 1613, AB 2791) | The project will participate in California's energy market, which is affected by implementation of the Waste Heat and Carbon Emissions Reduction Act.<br><br>Originally enacted in 2007 and amended in 2008, this act directed the CEC, CPUC, and CARB to implement a program that would encourage the amended development of new combined heat and power systems in California with a generating capacity of not more than 20 megawatts, to increase combined heat and power use by 30,000 gigawatt-hours. The CPUC has regulatory authority over public electric utilities, and CEC duly established policies and procedures for the purchase of electricity from eligible combined heat and power systems.<br><br>CEC guidelines require combined heat and power systems to be designed to reduce waste energy; have a minimum efficiency of 60%; have $NO_x$ emissions of no more than 0.07 pounds per megawatt-hour; be sized to meet eligible customer generation thermal load; operate continuously in a manner that meets expected thermal load and optimizes efficient use of waste heat; and be cost effective, technologically feasible, and environmentally beneficial. |

## Table 30. Applicable Greenhouse Gas-Related Laws and Regulations

| Project Component | Applicable Laws/ Regulations | Greenhouse Gas Reduction Measures Required for Project |
|---|---|---|
| **Vehicular/Mobile Sources** | | |
| General | SB 375 and KCOG RTP/SCS | The project complies with, and is subject to, the KCOG adopted RTP/SCS in 2022. |
| Fuel | Low Carbon Fuel Standard (LCFS)/ EO S-01-07 | Auto trips associated with the project will be subject to LCFS (EO S-01-07), which requires a 10% or greater reduction in the average fuel carbon intensity by 2020, with a 2010 baseline for transportation fuels in California regulated by CARB. The program establishes a strong framework to promote the low-carbon fuel adoption necessary to achieve the Governor's 2030 and 2050 GHG goals. |
| | Cap-and-Trade Program | Use of gasoline associated with the project will be subject to the Cap-and-Trade Program.<br>The rules came into effect on January 1, 2013, applying to large electric power plants and large industrial plants. In 2015, importers and distributors of fossil fuels were added to the Cap-and-Trade Program in the second phase.<br>Specifically, on January 1, 2015, cap-and-trade compliance obligations were phased in for suppliers of natural gas, RBOB, distillate fuel oils, and liquefied petroleum gas that meet or exceed specified emissions thresholds. The threshold that triggers a cap-and-trade compliance obligation for a fuel supplier is 25,000 MT or more of $CO_2e$ annually from the GHG emissions that would result from full combustion or oxidation of quantities of fuels (including natural gas, RBOB, distillate fuel oil, liquefied petroleum gas, and blended fuels that contain these fuels) imported and/or delivered to California. |

## Table 30. Applicable Greenhouse Gas-Related Laws and Regulations

| Project Component | Applicable Laws/ Regulations | Greenhouse Gas Reduction Measures Required for Project |
|---|---|---|
| Automotive Refrigerants | CARB Regulation for Small Containers of Automotive Refrigerant | Vehicles associated with the project will be subject to CARB's Regulation for Small Containers of Automotive Refrigerant (CCR, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 5, Section 95360 et seq.). The regulation applies to the sale, use, and disposal of small containers of automotive refrigerant with a GWP greater than 150. The regulation achieves emission reductions through implementation of four requirements: (1) use of a self-sealing valve on the container; (2) improved labeling instructions; (3) a deposit and recycling program for small containers; and (4) an education program that emphasizes best practices for vehicle recharging. This regulation went into effect on January 1, 2010, with a 1-year sell-through period for containers manufactured before January 1, 2010. The target recycle rate is initially set at 90% and rises to 95% beginning January 1, 2012. |
| Light-Duty Vehicles | AB 1493 (or the Pavley Standard) | Cars that drive to and from the project will be subject to AB 1493, which directed CARB to adopt a regulation requiring the maximum feasible and cost-effective reduction of GHG emissions from new passenger vehicles.<br><br>Pursuant to AB 1493, CARB adopted regulations that establish a declining fleet average standard for $CO_2$, $CH_4$, $N_2O$, and HFCs (air conditioner refrigerants) in new passenger vehicles and light-duty trucks beginning with the 2009 model year and phased in through the 2016 model year. These standards are divided into those applicable to lighter and those applicable to heavier portions of the passenger vehicle fleet.<br><br>The regulations will reduce "upstream" smog-forming emissions from refining, marketing, and distribution of fuel. |
| | Advanced Clean Car and ZEV Programs | Cars that drive to and from the project will be subject to the Advanced Clean Car and ZEV Programs.<br><br>In January 2012, CARB approved a new emissions-control program for model years 2017 through 2025. The program combines the control of smog, soot and global warming gases and requirements for greater numbers of ZEVs into a single package of standards called Advanced Clean Cars. By 2025, new automobiles will emit 34% fewer global warming gases and 75% fewer smog-forming emissions.<br><br>The ZEV program will act as the focused technology of the Advanced Clean Cars program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid electric vehicles in the 2018–2025 model years. |

## Table 30. Applicable Greenhouse Gas-Related Laws and Regulations

| Project Component | Applicable Laws/ Regulations | Greenhouse Gas Reduction Measures Required for Project |
|---|---|---|
| | Tire Inflation Regulation | Cars that drive to and from the project will be subject to the CARB Tire Inflation Regulation, which took effect on September 1, 2010, and applies to vehicles with a gross vehicle weight rating of 10,000 pounds or less.<br><br>Under this regulation, automotive service providers must, inter alia, check and inflate each vehicle's tires to the recommended tire pressure rating, with air or nitrogen, as appropriate, at the time of performing any automotive maintenance or repair service; keep a copy of the service invoice for a minimum of 3 years; and make the vehicle service invoice available to CARB, or its authorized representative, upon request. |
| | EPA and NHTSA GHG and CAFE standards. | Mobile sources that travel to and from the project would be subject to EPA and NHTSA GHG and CAFE standards for passenger cars, light-duty trucks, and medium-duty passenger vehicles (75 FR 25324–25728 and 77 FR 62624–63200). |
| Medium- and Heavy-Duty Vehicles | CARB In-Use On-Road Heavy-Duty Diesel Vehicles Regulation (Truck and Bus Regulation) | Any heavy-duty trucks associated with the project will be subject to CARB standards.<br><br>The regulation requires diesel trucks and buses that operate in California to be upgraded to reduce emissions. Newer heavier trucks and buses must meet PM filter requirements. Lighter and older heavier trucks must be replaced starting January 1, 2015. By January 1, 2023, nearly all trucks and buses will need to have 2010 model year engines or equivalent.<br><br>The regulation applies to nearly all privately and federally owned diesel-fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating greater than 14,000 pounds. |
| | CARB In-Use Off-Road Diesel Vehicle Regulation | Any relevant vehicle or machine use associated with the project will be subject to CARB standards.<br><br>The CARB In-Use-Off-Road Diesel Vehicle Regulation applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulation (1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles; (2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and labeled; (3) restricts the adding of older vehicles into fleets starting on January 1, 2014; and (4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines, or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits).<br><br>The requirements and compliance dates of the Off-Road regulation vary by fleet size, as defined by the regulation. |

## Table 30. Applicable Greenhouse Gas-Related Laws and Regulations

| Project Component | Applicable Laws/ Regulations | Greenhouse Gas Reduction Measures Required for Project |
|---|---|---|
| | Heavy-Duty Vehicle GHG Emission Reduction Regulation | Any relevant vehicle or machine use associated with the project will be subject to CARB standards. The CARB Heavy-Duty Vehicle GHG Emission Reduction Regulation applies to heavy-duty tractors that pull 53-foot or longer box-type trailers (CCR, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 1, Section 95300 et seq.). Fuel efficiency is improved through improvements in tractor and trailer aerodynamics and the use of low-rolling resistance tires. |
| | EPA and NHTSA GHG and CAFE standards. | Mobile sources that travel to and from the project would be subject to EPA and NHTSA GHG and CAFE standards for medium- and heavy-duty vehicles (76 FR 57106–57513). |
| **Water Use** | | |
| Water Use Efficiency | Emergency State Water Board Regulations | Water use associated with the project will be subject to emergency regulations.<br>On May 18, 2016, partially in response to EO B-27-16, the State Water Board adopted emergency water use regulations (CCR, title 23, Section 864.5 and amended and re-adopted Sections 863, 864, 865, and 866). The regulation directs the State Water Board, Department of Water Resources, and CPUC to implement rates and pricing structures to incentivize water conservation, and calls upon water suppliers, homeowners' associations, California businesses, landlords, tenants, and wholesale water agencies to take stronger conservation measures. |
| | EO B-37-16 | Water use associated with the project will be subject to Emergency EO B-37-16, issued May 9, 2016, which directs the State Water Resources Control Board to adjust emergency water conservation regulations through the end of January 2017 to reflect differing water supply conditions across the state.<br>The Water Board must also develop a proposal to achieve a mandatory reduction of potable urban water usage that builds off the mandatory 25% reduction called for in EO B-29-15. The Water Board and Department of Water Resources will develop new, permanent water use targets to which the project will be subject.<br>The Water Board will permanently prohibit water-wasting practices such as hosing off sidewalks, driveways, and other hardscapes; washing automobiles with hoses not equipped with a shut-off nozzle; using non-recirculated water in a fountain or other decorative water feature; watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and irrigating ornamental turf on public street medians. |
| | EO B-40-17 | EO B-40-17 lifted the drought emergency in all California counties except Fresno, Kings, Tulare, and Tuolumne. It also rescinds EO B-29-15, but expressly states that EO B-37-16 remains in effect |

## Table 30. Applicable Greenhouse Gas-Related Laws and Regulations

| Project Component | Applicable Laws/ Regulations | Greenhouse Gas Reduction Measures Required for Project |
|---|---|---|
| | | and directs the State Water Resources Control Board to continue development of permanent prohibitions on wasteful water use to which the project will be subject. |
| | SB X7-7 | Water provided to the project will be affected by SB X7-7's requirements for water suppliers. SB X7-7, or the Water Conservation Act of 2009, requires all water suppliers to increase water use efficiency. It also requires, among other things, that the Department of Water Resources, in consultation with other state agencies, develop a single standardized water use reporting form, which would be used by both urban and agricultural water agencies. |
| | CALGreen Code | The project is subject to CALGreen Code's water efficiency standards, including a required 20% mandatory reduction in indoor water use. (CALGreen Code, Division 4.3.) |
| | California Water Code, Division 6, Part 2.10, Sections 10910–10915. | Development and approval of the project requires the development of a project-specific water supply assessment. |
| | Cap-and-Trade Program | The project proposes utilization of a private well for water and an on-site septic system for sewage disposal. Thus, the Cap-and-Trade Program does not apply to the project. |
| | California RPS (SB X1-2, SB 350, SB 100) | Electricity usage associated with water and wastewater supply, treatment, and distribution associated with the project will be required to comply with RPS set by SB X1-2, SB 350, and SB 100. |

**Notes:** AB = Assembly Bill; CAFE = Corporate Average Fuel Economy; CALGreen = California Green Building Standards; CARB = California Air Resources Board; CCR = California Code of Regulations; CEC = California Energy Commission; CFC = chlorofluorocarbon; $CH_4$ = methane; $CO_2$ = carbon dioxide; $CO_2e$ = carbon dioxide equivalent; CPUC = California Public Utilities Commission; EO = Executive Order; EPA = Environmental Protection Agency; GHG = greenhouse gas; GWP = global warming potential; HCFC = hydrochlorofluorocarbon; HFC = hydrofluorocarbon; gpm = gallons per minute; KCOG = Kern Council of Governments; LCFS = Low Carbon Fuel Standard; MT = metric tons; $N_2O$ = nitrous oxide; NHTSA = National Highway Traffic Safety Administration; PM = particulate matter; psi = pounds per square inch; RBOB = reformulated blendstock for oxygenate blending; RPS = Renewables Portfolio Standard; RTP/SCS = Regional Transportation Plan/Sustainable Communities Strategy; SB = Senate Bill; VOC = volatile organic compound; ZEV = zero-emission vehicle.

As shown in Table 30, the project would be required to comply with the various GHG-reducing regulations.

### Project Consistency with the County's General Plan

The County's General Plan includes various goals and policies that promote the use of clean and renewable energy sources, reduce waste, conserve water, and promote the efficient and sustainable use of energy. The Land Use, Open Space, Conservation, Circulation, and Energy Elements include goals and policies that result in benefits with reducing GHG emissions. Table 31 summarizes the project's consistency with the County's policies.

**Table 31. Consistency with Kern County's General Plan Policies**

| General Plan Policies | Project Consistency |
|---|---|
| G. Discretionary development projects involving the use of tractor-trailer rigs shall incorporate diesel exhaust reduction strategies including, but not limited to: a. Minimizing idling time. b. Electrical overnight plug-ins. | *Consistent.* The project's heavy-duty diesel vehicles used during construction and operation will minimize idling time onsite in accordance with CARB's ATCM (13 CCR Section 2485). No trucks would be operating overnight or have transport refrigeration units to need overnight plug-ins. **MM-AQ-1** limits idling to 5 minutes during construction. |
| H. Discretionary projects may use one or more of the following to reduce air quality effects:<br>a. Pave dirt roads within the development.<br>b. Pave outside storage areas.<br>c. Provide additional low Volatile Organic Compounds (VOC) producing trees on landscape plans.<br>d. Use of alternative fuel fleet vehicles or hybrid vehicles.<br>e. Use of emission control devices on diesel equipment.<br>f. Develop residential neighborhoods without fireplaces or with the use of Environmental Protection Agency certified, low emission natural gas fireplaces.<br>g. Provide bicycle lockers and shower facilities on site.<br>h. Increasing the amount of landscaping beyond what is required in the Zoning Ordinance (Chapter 19.86).<br>i. The use and development of park and ride facilities in outlaying areas.<br>j. Other strategies that may be recommended by the local Air Pollution Control Districts. | *Consistent.* The project would use alternative-fuel fleet vehicles or hybrid vehicles to the extent feasible during operation. The project would not include fireplaces or any natural gas use on site during operation. On-site bicycle lockers and shower facilities are not practical for the project due to the rural nature of the area. There are no residences or commercial areas in close proximity to the project site, and thus the use of bicycles for the operations and maintenance staff is not feasible. The project will encourage the use of the park and ride facilities for its employees during operation. |

**Table 31. Consistency with Kern County's General Plan Policies**

| General Plan Policies | Project Consistency |
|---|---|
| **Goal:** Encourage safe and orderly commercial solar development.<br><br>**Policies**<br><br>1. The County shall encourage domestic and commercial solar energy uses to conserve fossil fuel and improve air quality.<br>2. The County should attempt to identify and remove disincentives to domestic and commercial solar energy development.<br>3. The County should permit solar energy development in the desert and valley planning regions that does not pose significant environmental or public health and safety hazards.<br>4. The County should encourage solar development in the desert and valley regions previously disturbed, and discourage development of energy projects on undisturbed land supporting State or federally protected plant and wildlife species. | *Consistent.* The project would include up to 2 gigawatts of solar photovoltaics onsite. The project is located in the desert and valley regions. The project would not pose significant environmental or public health and safety concerns. |

**Source:** Kern County 2009.
**Notes:** CARB = California Air Resources Board; ATCM = Airborne Toxic Control Measure; CCR = California Code of Regulations; MM = mitigation measure; County = Kern County.

As discussed in Table 31, the project would be consistent with the County's General Plan Policies.

## Project Consistency with the California Air Resources Board's Scoping Plan

The Scoping Plan, approved by CARB in 2008 and updated in 2014, 2017, and 2022, provides a framework for actions to reduce California's GHG emissions and requires CARB and other state agencies to adopt regulations and other initiatives to reduce GHGs (CARB 2014a, CARB 2017b, CARB 2022a). As such, the Scoping Plan is not directly applicable to specific projects, nor is it intended to be used for project-level evaluations.[13] Under the Scoping Plan, however, there are several state regulatory measures aimed at the identification and reduction of GHG emissions. CARB and other state agencies have adopted many of the measures identified in the Scoping Plan. Most of these measures focus on area source emissions (e.g., energy usage, high-GWP GHGs in consumer products) and changes to the vehicle fleet (i.e., hybrid, electric, and more fuel-efficient vehicles) and associated

[13] The Final Statement of Reasons for the amendments to the State CEQA Guidelines reiterates the statement in the Initial Statement of Reasons that "[t]he Scoping Plan may not be appropriate for use in determining the significance of individual projects because it is conceptual at this stage and relies on the future development of regulations to implement the strategies identified in the Scoping Plan" (CNRA 2009).

fuels (e.g., Low-Carbon Fuel Standard), among others. The project would comply with all applicable regulations adopted in furtherance of the Scoping Plan to the extent required by law.

The Scoping Plan recommends strategies for implementation at the statewide level to meet the goals of AB 32 and establishes an overall framework for the measures that will be adopted to reduce California's GHG emissions. Table 32 highlights measures that have been developed under the Scoping Plan and the project's consistency with those measures. Table 32 also includes measures recommended in the Scoping Plan. To the extent that these regulations are applicable to the project, its inhabitants, or uses, the project would comply with all applicable regulations adopted in furtherance of the Scoping Plan.

## Table 32. Project Consistency with Scoping Plan Greenhouse Gas Emission-Reduction Strategies

| Scoping Plan Measure | Measure Number | Project Consistency |
|---|---|---|
| **Transportation Sector** | | |
| Advanced Clean Cars | T-1 | *Consistent.* The project's employees would purchase vehicles in compliance with CARB vehicle standards that are in effect at the time of vehicle purchase. |
| Low Carbon Fuel Standard | T-2 | *Consistent.* Motor vehicles driven by the project's employees would use compliant fuels. |
| Low Carbon Fuel Standard (18% reduction in carbon intensity by 2030) | Recommended | *Consistent.* Motor vehicles driven by the project's employees would use compliant fuels. |
| Regional Transportation-Related GHG Targets | T-3 | *Not applicable.* The proposed project would not prevent CARB from implementing this measure. |
| Advanced Clean Transit | Recommended | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Last Mile Delivery | Recommended | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Reduction in Vehicle Miles Traveled | Recommended | *Not applicable.* The project would not prevent CARB from implementing this measure. |
| Vehicle Efficiency Measures<br>1. Tire Pressure<br>2. Fuel Efficiency Tire Program<br>3. Low-Friction Oil<br>4. Solar-Reflective Automotive Paint and Window Glazing | T-4 | *Consistent.* These standards would be applicable to the light-duty vehicles that would access the project site. Motor vehicles driven by the project's employees would maintain proper tire pressure when their vehicles are serviced. The project's employees would replace tires in compliance with CARB vehicle standards that are in effect at the time of vehicle purchase. Motor vehicles driven by the project's employees would use low-friction oils when their vehicles are serviced. The project's employees would purchase vehicles in compliance with CARB vehicle standards that are in effect at the time of vehicle purchase. In addition, the project would not prevent CARB from implementing this measure. |
| Ship Electrification at Ports (Shore Power) | T-5 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |

## Table 32. Project Consistency with Scoping Plan Greenhouse Gas Emission-Reduction Strategies

| Scoping Plan Measure | Measure Number | Project Consistency |
|---|---|---|
| Goods Movement Efficiency Measures<br>1. Port Drayage Trucks<br>2. Transport Refrigeration Units Cold Storage Prohibition<br>3. Cargo Handling Equipment, Anti-Idling, Hybrid, Electrification<br>4. Goods Movement Systemwide Efficiency Improvements<br>5. Commercial Harbor Craft Maintenance and Design Efficiency<br>6. Clean Ships<br>7. Vessel Speed Reduction | T-6 | *Not applicable.* The Proposed project would not prevent CARB from implementing this measure. |
| California Sustainable Freight Action Plan | Recommended | *Not applicable.* The Proposed project would not prevent CARB from implementing this measure. |
| Heavy-Duty Vehicle GHG Emission Reduction<br>1. Tractor-Trailer GHG Regulation<br>2. Heavy-Duty Greenhouse Gas Standards for New Vehicle and Engines (Phase I) | T-7 | *Consistent.* Heavy-duty vehicles would be required to comply with CARB GHG reduction measures. In addition, the project would not prevent CARB from implementing this measure. |
| Medium- and Heavy-Duty Vehicle Hybridization Voucher Incentive project | T-8 | *Consistent.* The project's medium- and heavy-duty vehicles (e.g., water delivery trucks) could take advantage of the vehicle hybridization action, which would reduce GHG emissions through increased fuel efficiency. In addition, the project would not prevent CARB from implementing this measure. |
| Medium and Heavy-Duty GHG Phase 2 | Recommended | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| High-Speed Rail | T-9 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Transportation Electrification | 2022 Appendix D | *Consistent.* The project would include EV charging infrastructure at the operations and maintenance building that meets the voluntary standard in the CALGreen Code at time of project approval. |

## Table 32. Project Consistency with Scoping Plan Greenhouse Gas Emission-Reduction Strategies

| Scoping Plan Measure | Measure Number | Project Consistency |
|---|---|---|
| **VMT Reduction** | | |
| Is located on infill sites that are surrounded by existing urban uses and reuses or redevelops previously undeveloped or underutilized land that is presently served by existing utilities and essential public services (e.g., transit, streets, water, sewer) | 2022 Appendix D | *Consistent.* The project site is located in the San Joaquin Valley and has historically been used for farming. The nature of the project type and amount of land required do not lend itself to urban infill. However, as discussed, it is located on previous agricultural land and not open green space. |
| Does not result in the loss or conversion of natural and working lands | 2022 Appendix D | *Inconsistent.* The project site is active agricultural land. However, the project offsets more GHG emissions than it produces, and the land would sequester in its current condition. |
| Consists of transit-supportive densities (minimum of 20 residential dwelling units per acre), or,<br>Is in proximity to existing transit stops (within a half mile), or<br>Satisfies more detailed and stringent criteria specified in the region's SCS. | 2022 Appendix D | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Reduces parking requirements by:<br>Eliminating parking requirements or including maximum allowable parking ratios (i.e., the ratio of parking spaces to residential units or square feet); or Providing residential parking supply at a ratio of less than one parking space per dwelling unit; or<br>For multifamily residential development, requiring parking costs to be unbundled from costs to rent or own a residential unit. | 2022 Appendix D | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |

## Table 32. Project Consistency with Scoping Plan Greenhouse Gas Emission-Reduction Strategies

| Scoping Plan Measure | Measure Number | Project Consistency |
|---|---|---|
| At least 20 percent of units included are affordable to lower-income residents | 2022 Appendix D | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Results in no net loss of existing affordable units | 2022 Appendix D | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Uses all-electric appliances without any natural gas connections and does not use propane or other fossil fuels for space heating, water heating, or indoor cooking | 2022 Appendix D | *Consistent.* The operations and maintenance building will be all-electric. There will be no natural gas used onsite. |
| **Electricity and Natural Gas Sector** | | |
| Energy Efficiency Measures (Electricity) | E-1 | *Consistent.* The project will comply with current Title 24, Part 6, of the California Code of Regulations energy efficiency standards for electrical appliances and other devices at the time of building construction. |
| Energy Efficiency (Natural Gas) | CR-1 | *Consistent.* The project would be all-electric and would not use natural gas during operation. |
| Solar Water Heating (California Solar Initiative Thermal Program) | CR-2 | *Not applicable.* The project would not prevent CARB from implementing this measure. |
| Combined Heat and Power | E-2 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Renewable Portfolios Standard (33% by 2020) | E-3 | *Consistent.* While the project would support this goal, the 2020 goal has passed and would no longer apply. |
| Renewable Portfolios Standard (50% by 2050) | Recommended | *Consistent.* The project would support the RPS goal by production of 2 gigawatts of solar electricity. |
| Senate Bill 1 Million Solar Roofs (California Solar Initiative, New Solar Home Partnership, Public Utility Programs) and Earlier Solar Programs | E-4 | *Not applicable.* The project would not prevent CARB from implementing this measure. |
| **Water Sector** | | |
| Water Use Efficiency | W-1 | *Not applicable.* The proposed project would not prevent CARB from implementing this measure. |

## Table 32. Project Consistency with Scoping Plan Greenhouse Gas Emission-Reduction Strategies

| Scoping Plan Measure | Measure Number | Project Consistency |
|---|---|---|
| Water Recycling | W-2 | *Not applicable.* Recycled water is not available to the project site. The project would not prevent CARB from implementing this measure. |
| Water System Energy Efficiency | W-3 | *Not applicable.* This is applicable for the transmission and treatment of water, but it is not applicable for the project. |
| Reuse Urban Runoff | W-4 | *Not applicable.* The reuse of urban water on site was determined to not be feasible. The project would not prevent CARB from implementing this measure. |
| Renewable Energy Production | W-5 | *Not applicable.* Applicable for wastewater treatment systems. Not applicable for the project. |
| **Green Buildings** | | |
| State Green Building Initiative: Leading the Way with State Buildings (Greening New and Existing State Buildings) | GB-1 | *Not applicable.* The proposed project would not prevent CARB from implementing this measure. |
| Green Building Standards Code (Greening New Public Schools, Residential and Commercial Buildings) | GB-2 | *Not applicable.* The proposed project would not prevent CARB from implementing this measure. |
| Beyond Code: Voluntary Programs at the Local Level (Greening New Public Schools, Residential and Commercial Buildings) | GB-3 | *Consistent.* The project's operations and maintenance building would be built in accordance with Title 11 CALGreen standards in place at the time building permits are obtained. |
| Greening Existing Buildings (Greening Existing Homes and Commercial Buildings) | GB-4 | *Not applicable.* The proposed project would not prevent CARB from implementing this measure. |
| **Industry Sector** | | |
| Energy Efficiency and Co-Benefits Audits for Large Industrial Sources | I-1 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Oil and Gas Extraction GHG Emission Reduction | I-2 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Reduce GHG Emissions by 20% in Oil Refinery Sector | Recommended | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| GHG Emissions Reduction from Natural Gas Transmission and Distribution | I-3 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |

## Table 32. Project Consistency with Scoping Plan Greenhouse Gas Emission-Reduction Strategies

| Scoping Plan Measure | Measure Number | Project Consistency |
|---|---|---|
| Refinery Flare Recovery Process Improvements | I-4 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Work with the local air districts to evaluate amendments to their existing leak detection and repair rules for industrial facilities to include methane leaks | I-5 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| **Recycling and Waste Management Sector** | | |
| Landfill Methane Control Measure | RW-1 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Increasing the Efficiency of Landfill Methane Capture | RW-2 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Mandatory Commercial Recycling | RW-3 | *Consistent.* During both construction and operation of the project, the project would comply with all state regulations related to solid waste generation, storage, and disposal, including the California Integrated Waste Management Act, as amended. During construction, all wastes would be recycled to the maximum extent possible. |
| Increase Production and Markets for Compost and Other Organics | RW-4 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Anaerobic/Aerobic Digestion | RW-5 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Extended Producer Responsibility | RW-6 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Environmentally Preferable Purchasing | RW-7 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| **Forests Sector** | | |
| Sustainable Forest Target | F-1 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |

## Table 32. Project Consistency with Scoping Plan Greenhouse Gas Emission-Reduction Strategies

| Scoping Plan Measure | Measure Number | Project Consistency |
|---|---|---|
| **High Global Warming Potential Gases Sector** | | |
| Motor Vehicle Air Conditioning Systems: Reduction of Refrigerant Emissions from Non-Professional Servicing | H-1 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| $SF_6$ Limits in Non-Utility and Non-Semiconductor Applications | H-2 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Reduction of Perfluorocarbons in Semiconductor Manufacturing | H-3 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Limit High Global Warming Potential Use in Consumer Products | H-4 | *Consistent.* The project's employees would use consumer products that would comply with the regulations that are in effect at the time of manufacture. |
| Air Conditioning Refrigerant Leak Test During Vehicle Smog Check | H-5 | *Consistent.* Employees of the project would conduct air conditioning refrigerant leak tests during periodic vehicle smog checks. |
| Stationary Equipment Refrigerant Management Program – Refrigerant Tracking/Reporting/Repair Program | H-6 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| Stationary Equipment Refrigerant Management Program – Specifications for Commercial and Industrial Refrigeration | H-6 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| $SF_6$ Leak Reduction Gas Insulated Switchgear | H-6 | *Consistent.* The proposed project would use gas-insulated switchgear that would be subject to CARB regulations and meet the leak rate mandates. |
| 40% Reduction in Methane and Hydrofluorocarbon Emissions | Recommended | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| 50% Reduction in Black carbon Emissions | Recommended | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan measure. |
| **Agriculture Sector** | | |
| Methane Capture at Large Dairies | A-1 | *Not applicable.* This measure does not apply to the project. The project would not inhibit CARB from implementing this Scoping Plan Measure. |

**Source:** CARB 2008, 2017b, CARB 2022a.
**Notes:** Scoping Plan = CARB Climate Change Scoping Plan: A Framework for Change Scoping Plan; CARB = California Air Resources Board; GHG = greenhouse gas; EV = electric vehicle; project = 14800 W. Schulte Road Logistics Center project; CALGreen = California Green Building Standards; SCS = Sustainable Communities Strategy; RPS = Renewables Portfolio Standard; $SF_6$ = sulfur hexafluoride.

Based on the analysis in Table 32, the project would be consistent with the majority of the applicable strategies and measures in the Scoping Plan.

### Project Consistency with Kern Council of Government's Regional Transportation Plan/Sustainable Communities Strategy

The 2022 Regional Transportation Plan (RTP) incorporates local land use projections and circulation networks in city and County general plans. The 2022 RTP is not directly applicable to the project because the underlying purpose of the 2022 RTP is to provide direction and guidance by making the best transportation and land use choices for future development. Nevertheless, the project would not conflict with the goals and policies of the 2022 RTP. In addition, the project would not impact local transportation or land use during operation.

### Project Consistency with Senate Bill 32 and Executive Order S-3-05

The project would not impede the attainment of the GHG reduction goals for 2030 or 2050 identified in EO S-3-05 and SB 32. As discussed in Section 3.2.2, EO S-3-05 establishes the following goals: GHG emissions should be reduced to 2000 levels by 2010, to 1990 levels by 2020, and to 80% below 1990 levels by 2050. SB 32 establishes for a statewide GHG emissions reduction target whereby CARB, in adopting rules and regulations to achieve the maximum technologically feasible and cost-effective GHG emissions reductions, shall ensure that statewide GHG emissions are reduced to at least 40% below 1990 levels by December 31, 2030. While there are no established protocols or thresholds of significance for that future year analysis, CARB forecasts that compliance with the current Scoping Plan puts the state on a trajectory of meeting these long-term GHG goals, although the specific path to compliance is unknown (CARB 2014a).

CARB has expressed optimism with regard to both the 2030 and 2050 goals. It states in the First Update that "California is on track to meet the near-term 2020 GHG emissions limit and is well positioned to maintain and continue reductions beyond 2020 as required by AB 32" (CARB 2014a). With regard to the 2050 target for reducing GHG emissions to 80% below 1990 levels, the First Update states the following (CARB 2014a):

> This level of reduction is achievable in California. In fact, if California realizes the expected benefits of existing policy goals (such as 12,000 megawatts of renewable distributed generation by 2020, net zero energy homes after 2020, existing building retrofits under AB 758, and others) it could reduce emissions by 2030 to levels squarely in line with those needed in the developed world and to stay on track to reduce emissions to 80% below 1990 levels by 2050. Additional measures, including locally driven measures and those necessary to meet federal air quality standards in 2032, could lead to even greater emission reductions.

In other words, CARB believes that the state is on a trajectory to meet the 2030 and 2050 GHG reduction targets set forth in AB 32, SB 32, and EO S-3-05. This is confirmed in the 2017 Climate Change Scoping Plan Update, which states (CARB 2017b):

> The Scoping Plan builds upon the successful framework established by the Initial Scoping Plan and First Update, while identifying new, technologically feasible, and cost-effective strategies to ensure that California meets its GHG reduction targets in a way that promotes and rewards innovation, continues to foster economic growth, and delivers improvements to the environment and public health, including in disadvantaged communities.

### Conclusion

The project is consistent with the majority of the Scoping Plan, 2022 RTP/SCS, and County's General Plan, which all promote economic growth while achieving greater energy efficiency. The project would also be consistent with KCOG's 2022 RTP/SCS, SB 32, and EO S-3-05 by being consistent with GHG reduction strategies and policies, increasing the use of alternative-fueled vehicles, and implementing energy efficiency strategies. The project would not conflict with any plans adopted with the purpose of reducing GHG emissions.

## 3.5.3 Cumulative Impacts Summary

This section provides an analysis of cumulative impacts from construction and operation of the project and other past, present, and reasonably foreseeable future projects[14], as required by Section 15130 of the State CEQA Guidelines. For purposes of GHG emissions, the geographical area of cumulative impacts is global, as discussed in Section 3.4.1 and further detailed below.

Where a lead agency concludes that the cumulative effects of a project, taken together with the impacts of other closely related past, present, and reasonably foreseeable future projects are significant, the lead agency then must determine whether the project's incremental contribution to such significant cumulative impact is "cumulatively considerable" (and thus significant in and of itself).

**Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?**

Please see response below.

**Would the project conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?**

Global climate change is a cumulative impact; a project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHGs. As previously discussed in Section 3.1 and Section 3.3, GHG emissions inherently contribute to cumulative impacts, and thus, any additional GHG emissions would result in a cumulative impact. As noted above, the operation of the project would offset GHG emission from displaced non-renewable energy generation. Therefore, the total GHG emissions related to the project would be the net of direct GHG emissions generated from operational activities and the GHG emissions displaced by the project. The project would avoid a net 1,161,358 MT $CO_2e$ over its lifetime. As such, the project would not make a cumulatively considerable contribution a cumulative impact with regard to generation of GHG emissions.

The project would be consistent with all applicable GHG reduction plans, including the County's General Plan, the KCOG 2022 RTP/SCS, and CARB's Scoping Plan. Therefore, the project would not make a cumulatively considerable contribution to a cumulative impact.

[14] The cumulative analysis was based off of the cumulative projects list provided by the County in April 2024 at the time of the NOP.

INTENTIONALLY LEFT BLANK

# 4 Energy

## 4.1 Existing Conditions

### Electricity

According to the U.S. Energy Information Administration, California used approximately 239,480 gigawatt hours of electricity in 2023 (EIA 2024a). Electricity usage in California for different land uses varies substantially by the types of uses in a building, type of construction materials used in a building, and the efficiency of all electricity-consuming devices within a building. Due to the state's energy efficiency building standards and efficiency and conservation programs, California's electricity use per capita in the residential sector is lower than any other state except Hawaii (EIA 2024b).

PG&E provides electrical and natural gas service to the region. Incorporated in California in 1905, PG&E is one of the largest combination natural gas and electric utilities in the United States. It currently provides service to approximately 16 million people throughout a 70,000-square-mile service area in Northern and Central California, from Eureka in the north to Bakersfield in the south, and from the Pacific Ocean in the west to the Sierra Nevada in the east. The service area includes 106,681 circuit miles of electric distribution lines, 18,466 circuit miles of interconnected transmission lines. 42,141 miles of natural gas distribution pipelines, and 6,438 miles of transportation pipelines. PG&E and other utilities in the state are regulated by the CPUC (PG&E 2020). According to the CEC, approximately 78 billion kWh of electricity were used in PG&E's service area in 2022 (CEC 2024a).

### Natural Gas

According to the U.S. Energy Information Administration, California used approximately 2,139.3 trillion British thermal units of natural gas in 2022 (EIA 2024b). Natural gas is used for cooking, space heating, generating electricity, and as an alternative transportation fuel. In 2022, by sector, industrial uses utilized 33% of the state's natural gas, followed by 31% from electric power, 21% from residential, 12% from commercial, and 2% from transportation uses (EIA 2022a). The majority of California's natural gas customers are residential and small commercial customers (core customers), which accounted for approximately 35% of the natural gas delivered by California utilities in 2018 (CPUC 2022). Large consumers, such as electric generators and industrial customers (noncore customers), accounted for approximately 65% of the natural gas delivered by California utilities (CPUC 2022). The CPUC regulates California's natural gas rates and natural gas services, including in-state transmission and distribution pipeline systems, storage, procurement, metering, and billing. Most of the natural gas used in California comes from out-of-state natural gas basins. Biogas (e.g., from wastewater treatment facilities or dairy farms) is just beginning to be delivered into the gas utility pipeline systems, and the state has been encouraging its development (CPUC 2022). In 2022, PG&E delivered approximately 4.4 billion therms of natural gas to the region, with 2.5 billion therms for nonresidential use and 1.9 billion therms for residential use (CEC 2024b).

### Petroleum

According to the EIA, California used approximately 628 million barrels of petroleum in 2022, with the majority (534 million barrels) used for the transportation sector (EIA 2022b). There are 42 U.S. gallons in a barrel, so this equates to a total daily use of approximately 72 million gallons of petroleum among all sectors and 61 million gallons for the transportation sector. Petroleum usage in California includes petroleum products such as motor gasoline, distillate

fuel, liquefied petroleum gases, and jet fuel. California has implemented policies to improve vehicle efficiency and to support use of alternative transportation, which are described in Section 4.2. As such, the CEC anticipates an overall decrease of gasoline demand in the state over the next decade (CEC 2024b).

# 4.2 Regulatory Setting

## 4.2.1 Federal Regulations

### Federal Energy Policy and Conservation Act

In 1975, Congress enacted the Federal Energy Policy and Conservation Act, which established the first fuel economy standards for on-road motor vehicles in the United States. Pursuant to the act, the NHTSA is responsible for establishing additional vehicle standards. In 2012, new fuel economy standards for passenger cars and light trucks were approved for model years 2017 through 2021 (77 FR 62624–63200). Fuel economy is determined based on each manufacturer's average fuel economy for the fleet of vehicles available for sale in the United States.

### Energy Independence and Security Act of 2007

On December 19, 2007, the EISA was signed into law. In addition to setting increased corporate average fuel economy (CAFE) standards for motor vehicles, the EISA includes the following other provisions related to energy efficiency:

- Renewable fuel standard (RFS) (Section 202)
- Appliance and lighting efficiency standards (Sections 301–325)
- Building energy efficiency (Sections 411–441)

This federal legislation (the RFS) requires ever-increasing levels of renewable fuels to replace petroleum (EPA 2017c). The EPA is responsible for developing and implementing regulations to ensure that transportation fuel sold in the United States contains a minimum volume of renewable fuel. The RFS program regulations were developed in collaboration with refiners, renewable fuel producers, and many other stakeholders.

The RFS program was created under the Energy Policy Act of 2005 and established the first renewable fuel volume mandate in the United States. As required under the act, the original RFS program (RFS1) required 7.5 billion gallons of renewable fuel to be blended into gasoline by 2012. Under the EISA, the RFS program was expanded in several key ways that laid the foundation for achieving significant reductions of GHG emissions through the use of renewable fuels, for reducing imported petroleum, and for encouraging the development and expansion of our nation's renewable fuels sector. The updated program (RFS2) includes the following:

- EISA expanded the RFS program to include diesel, in addition to gasoline.
- EISA increased the volume of renewable fuel required to be blended into transportation fuel from 9 billion gallons in 2008 to 36 billion gallons by 2022.
- EISA established new categories of renewable fuel and set separate volume requirements for each one.
- EISA required the EPA to apply lifecycle GHG performance threshold standards to ensure that each category of renewable fuel emits fewer GHGs than the petroleum fuel it replaces.

Additional provisions of the EISA address energy savings in government and public institutions, promoting research for alternative energy, additional research in carbon capture, international energy programs, and the creation of "green jobs."

For additional discussion of federal fuel economy and vehicle efficiency standards, see Section 3.2.1.

## 4.2.2 State Regulations

### CEQA

In accordance with the CEQA Guidelines and Appendix F, Energy Conservation, of the CEQA Guidelines, in order to ensure that energy implications are considered in project decisions, EIRs must include a discussion of the potential significant energy impacts of proposed projects, with particular emphasis on avoiding or reducing inefficient, wasteful, and unnecessary consumption of energy. Appendix F of the CEQA Guidelines provides a list of energy-related topics that should be analyzed in an EIR. In addition, while not described as significance thresholds for determining the significance of impacts related to energy, Appendix F provides the following topics that the lead agency may consider in the energy analysis of an EIR, where topics are applicable or relevant to the project:

- The project's energy requirements and its energy use efficiencies by amount and fuel type for each stage of the project's life cycle including construction, operation, maintenance, and/or removal. If appropriate, the energy intensiveness of materials may be discussed;
- The effects of the project on local and regional energy supplies and on requirements for additional capacity;
- The effects of the project on peak and base period demands for electricity and other forms of energy;
- The degree to which the project complies with existing energy standards;
- The effects of the project on energy resources; and,
- The project's projected transportation energy use requirements and its overall use of efficient transportation alternatives.

### Warren-Alquist Act

The California Legislature passed the Warren-Alquist Act in 1974, which created the CEC. The legislation also incorporated the following three key provisions designed to address the demand side of the energy equation:

- It directed the CEC to formulate and adopt the nation's first energy conservation standards for both buildings constructed and appliances sold in California.
- The act removed the responsibility of electricity demand forecasting from the utilities, which had a financial interest in high-demand projections, and transferred it to a more impartial CEC.
- The CEC was directed to embark on an ambitious research and development program, with a particular focus on fostering what were characterized as nonconventional energy sources.

### State of California Energy Action Plan

The CEC and CPUC approved the first State of California Energy Action Plan in 2003. The plan established shared goals and specific actions to ensure the provision of adequate, reliable, and reasonably priced electrical power and

natural gas supplies; it also identified cost-effective and environmentally sound energy policies, strategies, and actions for California's consumers and taxpayers. In 2005, the CEC and CPUC adopted a second Energy Action Plan to reflect various policy changes and actions of the prior 2 years.

At the beginning of 2008, the CEC and CPUC determined that it was not necessary or productive to prepare a new energy action plan (CPUC 2008). This determination was based, in part, on a finding that the state's energy policies have been significantly influenced by the passage of AB 32, the California Global Warming Solutions Act of 2006 (discussed below). Rather than produce a new energy action plan, the CEC and CPUC prepared an "update" that examines the state's ongoing actions in the context of global climate change.

### Assembly Bill 32 and Senate Bill 32

In 2006, the California State Legislature enacted AB 32, the California Global Warming Solutions Act of 2006. AB 32 requires California to reduce its GHG emissions to 1990 levels by 2020. In 2016, the legislature enacted SB 32, which extended the horizon year of the state's codified GHG reduction planning targets from 2020 to 2030, requiring California to reduce its GHG emissions to 40% below 1990 levels by 2030. In accordance with AB 32 and SB 32, CARB prepares scoping plans to guide the development of statewide policies and regulations for the reduction of GHG emissions. Many of the policy and regulatory concepts identified in the scoping plans focused on increasing energy efficiencies, using renewable resources, and reducing the consumption of petroleum-based fuels (such as gasoline and diesel). As such, the state's GHG emissions-reduction planning framework creates co-benefits for energy-related resources.

### California Building Standards

Part 6 of Title 24 of the CCR was established in 1978 and serves to enhance and regulate California's building standards. Part 6 establishes energy efficiency standards for residential and nonresidential buildings constructed in California to reduce energy demand and consumption. Part 6 is updated periodically to incorporate and consider new energy efficiency technologies and methodologies.

The current Title 24, Part 6 standards, referred to as the 2022 Title 24 Building Energy Efficiency Standards, will become effective January 1, 2023. The 2019 Title 24 Building Energy Efficiency Standards became effective on January 1, 2020. In general, single-family residences built to the 2019 standards are anticipated to use approximately 7% less energy due to energy efficiency measures than those built to the 2016 standards; once rooftop solar electricity generation is factored in, single-family residences built under the 2019 standards will use approximately 53% less energy than those under the 2016 standards (CEC 2018). Nonresidential buildings built to the 2019 standards are anticipated to use an estimated 30% less energy than those built to the 2016 standards (CEC 2018).

Title 24 also includes Part 11, the California Green Building Standards (CALGreen). CALGreen establishes minimum mandatory standards as well as voluntary standards pertaining to the planning and design of sustainable site development, energy efficiency (in excess of the California Energy Code requirements), water conservation, material conservation, and interior air quality. The 2019 CALGreen standards are the current applicable standards. For nonresidential projects (which the residential portion of the project is subject to), some of the key mandatory CALGreen 2019 standards involve requirements related to bicycle parking, designated parking for clean air vehicles, EV charging stations, shade trees, water-conserving plumbing fixtures and fittings, outdoor potable water

use in landscaped areas, recycled-water supply systems, construction waste management, excavated soil and debris from land clearing, and commissioning (24 CCR Part 11).

### Senate Bill 1368

On September 29, 2006, Governor Arnold Schwarzenegger signed into law SB 1368 (Perata, Chapter 598, Statutes of 2006). The law limits long-term investments in baseload generation (minimum level of demand on an electrical grid over a span of time) by the state's utilities to those power plants that meet an emissions performance standard jointly established by the CEC and the CPUC.

The CEC has designed regulations that:

- Establish a standard for baseload generation owned by, or under long-term contract to publicly owned utilities, of 1,100 pounds $CO_2$ per megawatt-hour. This would encourage the development of power plants that meet California's growing energy needs while minimizing their emissions of GHGs.
- Require posting of notices of public deliberations by publicly owned utilities on long-term investments on the CEC website. This would facilitate public awareness of utility efforts to meet customer needs for energy over the long-term while meeting the state's standards for environmental impact.
- Establish a public process for determining the compliance of proposed investments with the emissions performance standard (Perata, Chapter 598, Statutes of 2006).

### Assembly Bill 1493

Adopted in 2002 by the state legislature, AB 1493 ("Pavley" regulations) required that the CARB develop and adopt, no later than January 1, 2005, regulations to achieve the maximum feasible and cost-effective reduction of GHG emissions from motor vehicles.

The first California request to implement GHG standards for passenger vehicles, known as a waiver request, was made in December 2005 and was denied by the EPA in March 2008. That decision was based on a finding that California's request to reduce GHG emissions from passenger vehicles did not meet the Clean Air Act requirement of showing that the waiver was needed to meet "compelling and extraordinary conditions."

The EPA granted California the authority to implement GHG emission reduction standards for new passenger cars, pickup trucks, and sport utility vehicles on June 30, 2009. On September 24, 2009, CARB adopted amendments to the Pavley regulations that reduce GHG emissions in new passenger vehicles from 2009 through 2016. These amendments are part of California's commitment to a nationwide program to reduce new passenger vehicle GHGs from 2012 through 2016. CARB's September 2009 amendments will allow for California's enforcement of the Pavley rule while providing vehicle manufacturers with new compliance flexibility. The amendments also prepare California to harmonize its rules with the federal rules for passenger vehicles.

It is expected that the Pavley regulations will reduce GHG emissions from California passenger vehicles by about 22% in 2012 and about 30% in 2016, all while improving fuel efficiency and reducing motorists' costs.

## Executive Order S-1-07

Issued on January 18, 2007, EO S-1-07 sets a declining LCFS for GHG emissions measured in $CO_2$-equivalent ($CO_2e$) grams per unit of fuel energy sold in California. The target of the LCFS is to reduce the carbon intensity of California passenger vehicle fuels by at least 10% by 2020. The carbon intensity measures the amount of GHG emissions in the lifecycle of a fuel, including extraction/feedstock production, processing, transportation, and final consumption, per unit of energy delivered. CARB adopted the implementing regulation in April 2009. The regulation is expected to increase the production of biofuels, including those from alternative sources, such as algae, wood, and agricultural waste. In addition, the LCFS would drive the availability of plug-in hybrid, battery electric, and fuel-cell-powered motor vehicles. The LCFS was anticipated to lead to the replacement of 20% of the fuel used in motor vehicles with alternative fuels by 2020. In 2018, this goal was revised to reduce the carbon intensity of fuels by 20% compared to 2011 by 2030. In 2020, the LCFS met 7.42% of the 7.5% target reduction for the year (CARB 2021b).

## Senate Bill 375

In August 2008, the legislature passed, and on September 30, 2008, Governor Schwarzenegger signed, SB 375 (Steinberg), which addresses GHG emissions associated with the transportation sector through regional transportation and sustainability plans. Regional GHG reduction targets for the automobile and light-truck sector for 2020 and 2035, as determined by CARB, are required to consider the emission reductions associated with vehicle emission standards (see SB 1493), the composition of fuels (see EO S-1-07), and other CARB-approved measures to reduce GHG emissions. Regional MPOs will be responsible for preparing an SCS within their Regional Transportation Plan (RTP). The goal of the SCS is to establish a development plan for the region, which, after considering transportation measures and policies, will achieve, if feasible, the GHG reduction targets. If an SCS is unable to achieve the GHG reduction target, a metropolitan planning organization must prepare an alternative planning strategy demonstrating how the GHG reduction target would be achieved through alternative development patterns, infrastructure, or additional transportation measures or policies. SB 375 provides incentives for streamlining CEQA requirements by substantially reducing the requirements for "transit priority projects," as specified in SB 375, and eliminating the analysis of the impacts of certain residential projects on global warming and the growth-inducing impacts of those projects when the projects are consistent with the SCS or alternative planning strategy.

In September 2010, CARB adopted the SB 375 targets for the regional MPOs. The targets for the Southern California Association of Governments (SCAG) are an 8% reduction in emissions per capita by 2020 and a 13% reduction by 2035. Achieving these goals through adoption of an SCS is the responsibility of the MPOs. SCAG prepared its RTP/SCS, which was adopted by the SCAG Regional Council on April 4, 2012. The plan quantified a 9% reduction by 2020 and a 16% reduction by 2035. On June 4, 2012, the CARB executive officer issued an EO accepting SCAG's quantification of GHG reductions and the determination that the SCS would achieve the GHG emission reduction targets established by CARB. On April 7, 2016, SCAG adopted the 2016–2040 RTP/SCS, which looks to build on the success of the 2012–2035 RTP/SCS. Targets for the SCAG region in the updated plan include an 8% per capita reduction in GHG emissions from automobiles and light trucks by 2020, a 19% reduction by 2035, and a 21% reduction by 2040, compared with 2005 levels (SCAG 2020).

SCAG has developed Connect SoCal, the 2020–2045 RTP/SCS, which is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. Connect SoCal charts a path toward a more mobile, sustainable, and prosperous region by making connections between transportation

networks, planning strategies, and the people whose collaboration can improve the quality of life for Southern Californians. Connect SoCal embodies a collective vision for the region's future and is developed with input from local governments, county transportation commissions, tribal governments, nonprofit organizations, businesses, and local stakeholders within the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties. The SCAG 2020–2045 RTP/SCS was adopted on September 3, 2020.

### Truck and Bus Regulation, On-Road Heavy-Duty Diesel Vehicles (In-Use) Regulation

On December 12, 2008, CARB approved the Truck and Bus Regulation to significantly reduce PM and $NO_x$ emissions from existing diesel vehicles operating in California. Amendments to this regulation were approved by CARB on April 25, 2014.

The regulation applies to nearly all diesel-fueled, dual-fueled, or alternative diesel-fueled trucks and buses with a gross vehicle weight rating greater than 14,000 pounds that are privately or federally owned and for privately and publicly owned school buses. The purpose of this regulation is to reduce emissions of diesel PM, $NO_x$, and other criteria pollutants from in-use diesel-fueled vehicles.

Heavier trucks and buses with a gross vehicle weight rating greater than 26,000 pounds must comply with a schedule by engine model year, or owners can report to show compliance with more flexible options. Starting January 1, 2012, heavier trucks were required to meet the engine model year schedule. Fleets that comply with the schedule must install the best available PM filter on 1996 model year and newer engines and replace the vehicle 8 years later. Trucks with 1995 model year and older engines must be replaced starting in 2015. Replacements with a 2010 model year or newer engines meet the final requirements, but owners can also replace with used trucks that have a future compliance date on the schedule. For example, a replacement with a 2007 model year engine complies until 2023. By 2023, all trucks and buses must have 2010 model year engines, with few exceptions. No reporting is required if complying with this schedule (CARB 2014b).

### Advanced Clean Car Program

The Advanced Clean Cars I program (January 2012) is an emissions-control program for model years 2015 through 2025. The program combines the control of smog- and soot-causing pollutants and GHG emissions into a single coordinated package of regulations: the low-emission vehicle regulation for criteria air pollutant and GHG emissions and a technology forcing regulation for ZEVs that contributes to both types of emission reductions (CARB 2021c). The package includes elements to reduce smog-forming pollution, reduce GHG emissions, promote clean cars, and provide the fuels for clean cars. To improve air quality, CARB has implemented new emission standards to reduce smog-forming emissions beginning with 2015 model year vehicles. It is estimated that in 2025 cars will emit 75% less smog-forming pollution than the average new car sold in 2015. The ZEV program will act as the focused technology of the ACC I program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid EVs in the 2018 to 2025 model years.

The ACC II program is currently in development to establish the next set of low-emission vehicle and ZEV requirements for model years after 2025 to contribute to meeting federal ambient air quality $O_3$ standards and California's carbon neutrality standards (CARB 2021c). The main objectives of ACC II are:

1. Maximize criteria and GHG emission reductions through increased stringency and real-world reductions.
2. Accelerate the transition to ZEVs through both increased stringency of requirements and associated actions to support wide-scale adoption and use.

An ACC II rulemaking package, which will consider technological feasibility, environmental impacts, equity, economic impacts, and consumer impacts, is anticipated to be presented to CARB for consideration in summer 2022. However, as detailed previously, EPA and NHTSA published the Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule, which revokes California's authority to set its own GHG emissions standards and set ZEV mandates in California. Since California and 22 other states, as well as the District of Columbia and four cities, filed suit against the EPA and a petition for reconsideration of the SAFE Rule, the ACC II rulemaking's course may vary depending on the results of this ongoing litigation.

### Advanced Clean Trucks Program

The purpose of the ACT Regulation (June 2020) is to accelerate the market for ZEVs in the medium- and heavy-duty truck sector and to reduce emissions of $NO_x$, fine particulate matter, TACs, GHGs, and other criteria pollutants generated from on-road mobile sources (CARB 2021a). Requiring medium- and heavy-duty vehicles to transition to zero-emissions technology will reduce health risks to people living in and visiting California and is needed to help California meet established near- and long-term air quality and climate mitigation targets. The regulation has two components, including (1) a manufacturer sales requirement and (2) a reporting requirement:

1. Zero-emission truck sales: Manufacturers who certify Class 2b-8 chassis or complete vehicles with combustion engines will be required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales would need to be 55% of Class 2b–3 truck sales, 75% of Class 4–8 straight truck sales, and 40% of truck tractor sales.
2. Company and fleet reporting: Large employers including retailers, manufacturers, brokers, and others will be required to report information about shipments and shuttle services. Fleet owners with 50 or more trucks will be required to report about their existing fleet operations. This information will help identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

### Executive Order B-16-12

Governor Brown issued EO B-16-12 on March 23, 2012. The EO requires that state entities under the governor's direction and control support and facilitate the rapid commercialization of ZEVs. It orders CARB, the CEC, CPUC, and other relevant agencies work with the Plug-in Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to help achieve the following by 2015:

- The state's major metropolitan areas will be able to accommodate ZEVs, each with infrastructure plans and streamlined permitting.
- The state's manufacturing sector will be expanding ZEV and component manufacturing.
- The private sector's investment in ZEV infrastructure will be growing.
- The state's academic and research institutions will be contributing to ZEV research, innovation, and education.

CARB, the CEC, and CPUC, are also directed to establish benchmarks to help achieve the following goals by 2020:

- The state's ZEV infrastructure will be able to support up to one million vehicles.
- The costs of ZEVs will be competitive with conventional combustion vehicles.
- ZEVs will be accessible to mainstream consumers.

- There will be widespread use of ZEVs for public transportation and freight transport.
- Transportation sector GHG emissions will be falling as a result of the switch to ZEVs.
- Electric vehicle charging will be integrated into the electricity grid.
- The private sector's role in the supply chain for ZEV component development and manufacturing will be expanding.

Benchmarks are also to be established to help achieve the following goals by 2025:

- Over 1.5 million ZEVs will be on California roads and their market share will be expanding.
- Californians will have easy access to ZEV infrastructure.
- The ZEV industry will be a strong and sustainable part of California's economy.
- California's clean, efficient vehicles will annually displace at least 1.5 billion gallons of petroleum fuels.

On a statewide basis, the EO establishes a target reduction of GHG emissions from the transportation sector equaling 80% less than 1990 levels by 2050.

## Cap-and-Trade Program

To achieve the goals of AB 32, the Climate Change Scoping Plan: A Framework for Change included an early action to develop a California cap-and-trade program that links with other Western Climate Initiative partner programs to create a regional market system. The cap-and-trade regulation, which is a key element of California's climate plan, took effect in January 2012, and compliance obligation began in January 2013. The cap-and-trade program sets a statewide limit on sources responsible for 85% of California's GHG emissions and establishes a price signal needed to drive long-term investment in cleaner fuels and more efficient use of energy. The program is designed to provide covered entities the flexibility to seek out and implement the lowest-cost options to reduce emissions. The first phase of the cap-and-trade regulation included electricity generated in and imported into California, large combustion sources (i.e., generally those emitting more than 25,000 MT $CO_2e$ per year), and certain industrial sectors. The second phase added providers of transportation fuels and other combustion fuels (e.g., natural gas, propane) to the cap-and-trade program. The regulation requires that emissions generated by these facilities and combustion of fuels be reduced over time under a declining "cap."

## Renewable Energy Sources

SB 1078 established the California Renewables Portfolio Standard (RPS) Program and required that a retail seller of electricity purchase a specified minimum percentage of electricity generated by eligible renewable energy resources as defined in any given year, culminating in a 20% standard by December 31, 2017. These retail sellers include electrical corporations, community choice aggregators, and electric service providers. The bill relatedly required the CEC to certify eligible renewable energy resources, design and implement an accounting system to verify compliance with the RPS by retail sellers, and allocate and award supplemental energy payments to cover above-market costs of renewable energy.

SB 107 (2006) accelerated the RPS established by SB 1078 by requiring that 20% of electricity retail sales be served by renewable energy resources by 2010 (not 2017). Additionally, SB X1-2 (2011) requires all California utilities to generate 33% of their electricity from eligible renewable energy resources by 2020. Specifically, SB X1-2 sets a three-

stage compliance period: by December 31, 2013, 20% had to come from renewables; by December 31, 2016, 25% had to come from renewables; and by December 31, 2020, 33% will come from renewables.

SB 350 (2015) expanded the RPS because it requires retail seller and publicly owned utilities to procure 50% of their electricity from eligible renewable energy resources by 2030, with interim goals of 40% by 2024 and 45% by 2027.

SB 100 (2018) accelerated and expanded the standards set forth in SB 350 by establishing that 44% of the total electricity sold to retail customers in California per year by December 31, 2024, 52% by December 31, 2027, and 60% by December 31, 2030, be secured from qualifying renewable energy sources. SB 100 also states that it is the policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of the retail sales of electricity to California. This bill requires that the achievement of 100% zero-carbon electricity resources does not increase the carbon emissions elsewhere in the western grid and that the achievement not be achieved through resource shuffling.

Consequently, utility energy generation from nonrenewable resources is expected to be reduced based on implementation of the 60% RPS in 2030. Therefore, any project's reliance on nonrenewable energy sources would also be reduced.

#### Assembly Bill 1007

AB 1007 (2005) required the CEC to prepare a statewide plan to increase the use of alternative fuels in California (State Alternative Fuels Plan). The CEC prepared the plan in partnership with CARB and in consultation with other state agencies, plus federal and local agencies. The State Alternative Fuels Plan assessed various alternative fuels and developed fuel portfolios to meet California's goals to reduce petroleum consumption, increase alternative fuels use, reduce GHG emissions, and increase in-state production of biofuels without causing a significant degradation of public health and environmental quality.

#### Senate Bill 1389

SB 1389 is a California state Senate Bill that mandates the California Energy Commission to produce a comprehensive report called the "Integrated Energy Policy Report (IEPR)" every two years, which assesses and forecasts all aspects of the state's energy supply, demand, and market dynamics to inform energy policy development aimed at conservation, environmental protection, and economic stability; essentially requiring the commission to regularly provide a detailed overview of the state's energy landscape to guide policy decisions.

### 4.2.3 Local Regulations

The County's General Plan Energy Element sets targets and strategies to reduce GHG emissions and associated climate change by supporting new renewable energy facilities. These are discussed in Section 3.2.3.2.

# 4.3 Significance Criteria and Methodology

## 4.3.1 Thresholds of Significance

The significance criteria used to evaluate project impacts to energy are based on Appendix G of the CEQA Guidelines. According to Appendix G of the CEQA Guidelines, a significant impact related to energy would occur if a project would:

A. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation.
B. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency.
C. Result in cumulatively considerable energy impacts.

## 4.3.2 Approach and Methodology

### 4.3.2.1 Petroleum

Potential impacts were assessed through projected traffic trip generation during construction and operation, as detailed in the CalEEMod outputs that was prepared for the project (Appendix A). Trip generation was provided by the applicant. Fuel consumption from construction equipment was estimated by converting the total $CO_2$ emissions from each construction phase to gallons using conversion factors for $CO_2$ to gallons of gasoline or diesel. The conversion factor for gasoline is 8.78 kilograms per MT $CO_2$ per gallon, and the conversion factor for diesel is 10.21 kilograms per MT $CO_2$ per gallon (The Climate Registry 2023). Heavy-duty construction equipment associated with construction activities and haul trucks involved in importing or exporting material to and from the site are assumed to use diesel fuel. It is assumed that construction workers would travel in the project area in gasoline-powered vehicles. Fuel consumption from worker and vendor trips was estimated by converting the total $CO_2$ emissions from the construction phase to gallons using the conversion factors for $CO_2$ to gallons of gasoline or diesel. Worker vehicles are assumed to be gasoline fueled, and vendor/hauling vehicles are assumed to be diesel fueled. The fuel consumption resulting from the project's operational phase would be attributable to vehicle travel within the project area. Similar to construction worker and vendor trips, fuel consumption for operation was estimated by converting the total $CO_2$ emissions from the project to gallons using the conversion factors for $CO_2$ to gallons of gasoline or diesel. Per CEQA Guidelines Appendix F, this analysis considers these factors and provides the estimated maximum construction energy consumption for the purposes of evaluating the associated impacts on energy resources and requirements.

### 4.3.2.1 Electricity and Natural Gas

The estimation of operational electricity consumption was based on the CalEEMod land use defaults and units or total area (i.e., square footage) of the project's land uses. The O&M building is all-electric; as such, no natural gas would be used during operation. The electricity use from nonresidential buildings was based on the California Commercial End-Use Survey database. The National Renewable Energy Laboratory PVWatts estimator was used to estimate the energy produced by the solar component of the project. Per CEQA Guidelines Appendix F, this analysis quantifies the project's energy consumption from operations and evaluates the associated impacts on

energy resources and requirements, peak and base period demand, and effects on the local and regional energy supplies, and also analyses the project's compliance with existing energy standards.

# 4.4 Impact Analysis

## 4.4.1 Would the Project Result in Potentially Significant Environmental Impact due to Wasteful, Inefficient, or Unnecessary Consumption of Energy Resources, during Project Construction or Operation?

Implementation of the project would increase the demand for electricity, gasoline, and diesel consumption in the project area during construction and operation, which are evaluated below.

### 4.4.1.1 Construction Use

#### Electricity

Temporary electric power for as-necessary lighting and electronic equipment, such as computers inside temporary construction trailers, would be provided by PG&E. The electricity used for such activities would be temporary and would be substantially less than that required for project operation and would therefore have a negligible contribution to the project's overall energy consumption.

#### Natural Gas

Natural gas is not anticipated to be required during project construction because construction of new buildings and facilities typically do not consume natural gas. Peak energy demand specifically applies to electricity; because natural gas and petroleum are liquid, these energy resources do not have the same constraints as electricity supply. Nonetheless, any use of natural gas is anticipated to be sufficiently served by existing supply from SoCalGas and would not require additional local or regional capacity. Any minor amounts of natural gas that may be consumed because of construction would be temporary and negligible and would not have an adverse effect.[15]

#### Petroleum

Heavy-duty equipment associated with construction during development allowed for by the project would rely on diesel fuel, as would vendor trucks involved in delivery of materials to the individual parcels within the project area and haul trucks importing or exporting demolition material or other materials off site. Construction workers would travel to and from each of the parcels within the project area throughout the duration of construction. Appendix A lists the assumed equipment usage and vehicle trips.

[15] While no natural gas is anticipated to be used during construction because construction equipment is typically diesel-fueled, the possibility of natural gas use is acknowledged in the event a natural gas-fueled piece of equipment is used. However, as noted previously, all equipment was assumed to be diesel-fueled in CalEEMod.

Fuel consumption from construction equipment was estimated by converting the total $CO_2$ emissions from each construction phase to gallons using the conversion factors for $CO_2$ to gallons of gasoline or diesel. Construction is estimated to occur in the years 2025 and 2061 based on the construction phasing schedule. The conversion factor for gasoline is 8.78 kilograms per MT $CO_2$ per gallon, and the conversion factor for diesel is 10.21 kilograms per MT $CO_2$ per gallon (The Climate Registry 2023). The estimated diesel fuel usage from construction equipment, haul trucks, and vendor trucks, as well as estimated gasoline fuel usage from worker vehicles, is shown in Table 33, Total Project Construction Petroleum Demand - Unmitigated. Of note, grading at the project site would be balanced, and therefore, no haul trucks are required for import or export of soils. The movement of soils on site would be accomplished with off-road equipment.

### Table 33. Total Project Construction Petroleum Demand – Unmitigated

| Year | Off Road Equipment (diesel) | Haul Trucks (diesel) | Vendor Trucks (diesel) | Worker Vehicles (gasoline) |
|---|---|---|---|---|
| | Gallons | | | |
| 2025 | 79,975 | 44,435 | 34,094 | 46,329 |
| 2026 | 201,712 | 162,786 | 69,214 | 190,284 |
| 2027 | 156,888 | 84,468 | 67,664 | 66,917 |
| 2028 | 239,356 | 167,240 | 66,084 | 195,421 |
| 2029 | 197,989 | 181,940 | 64,030 | 221,378 |
| 2030 | 80,764 | 78,602 | 27,525 | 96,392 |
| 2061 | 32,613 | 21,672 | 6,468 | 28,460 |
| 2062 | 216,454 | 138,897 | 41,276 | 182,438 |
| 2063 | 224,004 | 126,941 | 37,582 | 166,752 |
| **Total** | **1,429,755** | **1,006,982** | **413,938** | **1,194,371** |

**Source:** See Appendix A for outputs.
**Note:** ND = no data available.

In summary, construction associated with the potential future development facilitated by the project over the construction period is conservatively anticipated to consume 1,194,371 gallons of gasoline from worker vehicles and 2,850,676 gallons of diesel for off-road equipment, haul trucks, and vendor trucks. The estimated diesel fuel usage from construction equipment, haul trucks, and vendor trucks, as well as estimated gasoline fuel usage from worker vehicles including **MM-AQ-1**, is shown in Table 34, Total Project Construction Petroleum Demand - Mitigated.

### Table 34. Total Project Construction Petroleum Demand – Mitigated

| Year | Off Road Equipment (diesel) | Haul Trucks (diesel) | Vendor Trucks (diesel) | Worker Vehicles (gasoline) |
|---|---|---|---|---|
| | Gallons | | | |
| 2025 | 78,095 | 44,435 | 34,094 | 46,329 |
| 2026 | 198,497 | 162,786 | 69,214 | 190,284 |
| 2027 | 153,227 | 84,468 | 67,664 | 66,917 |
| 2028 | 184,205 | 167,240 | 66,084 | 195,421 |
| 2029 | 177,428 | 181,940 | 64,030 | 221,378 |

**Table 34. Total Project Construction Petroleum Demand – Mitigated**

| Year | Off Road Equipment (diesel) | Haul Trucks (diesel) | Vendor Trucks (diesel) | Worker Vehicles (gasoline) |
|---|---|---|---|---|
| | Gallons | | | |
| 2030 | 76,901 | 78,602 | 27,525 | 96,392 |
| 2061 | 31,929 | 21,672 | 6,468 | 28,460 |
| 2062 | 192,388 | 138,897 | 41,276 | 182,438 |
| 2063 | 129,676 | 126,941 | 37,582 | 166,752 |
| Total | 1,222,346 | 1,006,982 | 413,938 | 1,194,371 |

**Source:** See Appendix A for outputs.
**Note:** ND = no data available.

In summary, construction associated with the potential future development facilitated by the project over the construction period is conservatively anticipated to consume 1,194,371 gallons of gasoline from worker vehicles and 2,643,267 gallons of diesel for off-road equipment, haul trucks, and vendor trucks including MM-AQ-1.

In the County, it is estimated that approximately 9.5 million gallons of petroleum would be consumed in 2025 from off-road equipment and 639 million gallons from on-road vehicles (CARB 2024).

The project would be subject to CARB's In-Use Off-Road Diesel Vehicle Regulation that applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulation (1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles; (2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and labeled; (3) restricts the adding of older vehicles into fleets starting on January 1, 2014; and (4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits). The fleet must either show that its fleet average index was less than or equal to the calculated fleet average target rate, or that the fleet has met the Best Achievable Control Technology requirements. Overall, the project would not be unusual when compared to overall local and regional demand for energy resources and would not involve characteristics that require equipment that would be less energy-efficient than at comparable construction sites in the region or state. Although not required to reduce energy impacts to less than significant, the project would include MM-AQ-1, Construction Equipment, that would reduce petroleum use through use of electric equipment, use of cleaner-fueled equipment, and minimizing idling during construction activities.

Additionally, any future development facilitated by the project would be required to adhere to all federal, state, and local requirements for energy efficiency, including the latest Title 24 standards. Considering these requirements, the project would not result in the inefficient, wasteful, or unnecessary consumption of construction energy.

#### 4.4.1.2 Operational Use

##### Electricity

Project operation would require electricity for multiple purposes including, but not limited to, building heating and cooling, water heating, lighting, appliances, and electronics. Additionally, the supply, conveyance, treatment, and distribution of water would indirectly result in electricity usage. CalEEMod was used to estimate project emissions

from electricity uses (see Appendix A for calculations). Default electricity generation rates in CalEEMod were used based on the proposed land use and climate zone. The increase in electricity demand for the future potential buildout of the project's O&M building is presented in Table 35, Project Annual Operational Electricity Demand Summary – Unmitigated.

**Table 35. Project Annual Operational Electricity Demand Summary – Unmitigated**

| Source | Electricity Demand (kWh/year) |
|---|---|
| Solar Facility | 668,235 |
| Battery Energy Storage System | 87,600,000 |
| Water/Wastewater | 183,289 |
| **Total project Electricity Demand** | **88,451,524** |

**Notes:** See Appendix A.
kWh = kilowatt hours.

As shown in Table 35, the increase in potential development is estimated to have a total electrical demand of approximately 88,451,524 kWh per year. According to PVWatts, the project is estimated to produce 3,390,332,060 kWh per year of renewable energy from the 2-gigawatt solar system. The project would result in a net generation of 3,301,880,536 kWh per year. In 2022, the nonresidential electricity demand was 12,096,055,522 kWh (12,096 GWh) for the County (CEC 2024a). Title 24 of the CCR serves to enhance and regulate California's building standards. The most recent amendments to Title 24, Part 6, referred to as the 2019 standards, became effective on January 1, 2020. The 2022 Title 24 standards will become effective on January 1, 2023, and will apply to the project. The applicable Title 24 standards would further ensure that the energy demands would not be inefficient, wasteful, or otherwise unnecessary.

For the 2021 fiscal year, PG&E had an annual electric sale to customers of approximately 77,886,999,998 kilowatt-hours (CEC 2024a). The project's electricity demand represents approximately 0.1% of the PG&E network sales for 2022. In addition, the CEC forecasts that PG&E's total energy needed to serve the load in the project buildout year of 2030 will be approximately 105,000 GWh (CEC 2023). Under peak conditions, the project would consume a net increase of 20,977 megawatt-hours on an annual basis.

### Natural Gas

The project is designed to be all-electric. As such, there would be no natural gas consumption during operation.

### Petroleum

During operations, the majority of fuel consumption resulting from the project would involve the use of motor vehicles traveling to and from the project site, as well as fuels used for alternative modes of transportation that may be used by residents.

Petroleum fuel consumption associated with motor vehicles traveling to and from the project site is a function of the VMT as a result of project operation. As shown in Appendix A (CalEEMod outputs are discussed in Section 2.5, Air Quality, and Section 3.5, Greenhouse Gas Emissions), the annual VMT attributable to the project is expected to be 656,623 VMT. Countywide, the annual VMT is estimated to be 11,941,304,760 per year in 2025 (CARB 2024). Similar

to construction worker and vendor trips, fuel consumption from worker and vendor trips are estimated by converting the total $CO_2$ emissions from operation of the project to gallons using the conversion factors for $CO_2$ to gallons of gasoline or diesel. Calculations for annual mobile source fuel consumption are provided in Table 36, Annual Petroleum Demand – Unmitigated.

**Table 36. Annual Petroleum Demand – Unmitigated**

| Fuel | Vehicle MT $CO_2$[a] | kg/$CO_2$/Gallon[b] | Gallons |
|---|---|---|---|
| Gasoline | 123.05 | 8.78 | 14,014.81 |
| Diesel | 280.05 | 10.21 | 27,428.99 |
| | | Total | 41,443.80 |

Sources:
[a] Appendix A.
[b] The Climate Registry 2023.
Note: MT = metric ton; kg = kilogram; $CO_2$ = carbon dioxide.

As shown in Table 36, the annual petroleum consumption for the project is estimated to be approximately 41,444 gallons per year. By comparison, California as a whole consumes approximately 28.7 billion gallons of petroleum per year (EIA 2022c). Countywide total petroleum use by on-road vehicles is expected to be 639 million gallons per year by 2025 (CARB 2023).

With respect to operational transportation-related fuel usage and in relation to CEQA Guidelines Appendix F, enhanced fuel economies realized pursuant to federal and state regulatory actions and the related transition of vehicles to alternative energy sources (e.g., electricity, natural gas, biofuels, hydrogen cells) would likely decrease future gasoline fuel demands per VMT. The project would comply with Corporate Average Fuel Economy standards, which would result in more efficient use of transportation fuels (lower consumption). Project-related vehicle trips would also comply with the Pavley Standards, which are designed to reduce vehicle GHG emissions by mandating increasingly stringent emissions standards on new vehicles but would also result in fuel savings from more efficient engines, in addition to compliance with Corporate Average Fuel Economy standards.

#### 4.4.1.3 Renewable Energy Potential

As part of the project's planning process, the County considered how the project could potentially increase its reliance on renewable energy sources to meet the project's anticipated energy demand. Consistent with the CEC's definition of eligible renewables, energy sources that were considered for their potential to power the project include biomass, geothermal, solar, wind, and small hydroelectric facilities.

Given the project's location and the nature of the project, there are anticipated considerable site constraints at a parcel level, including incompatibility with on-site and surrounding land uses for large-scale power generation facilities, unknown interconnection feasibility, compatibility with utility provider systems, and no known water or geothermal resources to harness, that would eliminate the potential for biomass, geothermal, and hydroelectric renewable energy to be installed within the project area. Regarding wind power, due to the nature of the project area parcels and

surrounding land uses, wind turbines are generally anticipated to be unfeasible, because they represent an incompatible use due to the height of the wind turbine blades and the need to avoid nearby obstacles.[16]

Regarding solar power, the project is designed as a 2 GW solar system. The project also includes a 2 GWh battery energy storage system (BESS) capable of storing renewable energy on site and discharging it to the grid on an as-needed basis. As PG&E moves toward decarbonizing its power sources in accordance with SB 100, the renewable content of the grid-sourced electricity will increase over time.

As explained above, the project is a renewable energy project and would not result in wasteful, inefficient, or unnecessary consumption of energy resources, including electricity, natural gas, or petroleum during project construction or operation.

## 4.4.2 Would the Project Conflict with or Obstruct a State or Local Plan for Renewable Energy or Energy Efficiency?

### 4.4.2.1 Construction

The project would utilize construction contractors who must demonstrate compliance with applicable regulations. Construction equipment would be required to comply with federal, state, and regional requirements, where applicable. With respect to truck fleet operators, EPA and NHSTA have adopted fuel-efficiency standards for medium- and heavy-duty trucks that will be phased in over time. Phase 1 heavy-duty truck standards apply to combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles for model years 2014 through 2018, and result in a reduction in fuel consumption from 6% to 23% over the 2010 baseline, depending on the vehicle type (EPA 2011). EPA and NHTSA also adopted the Phase 2 heavy-duty truck standards, which cover model years 2021 through 2027 and require the phase-in of a 5% to 25% reduction in fuel consumption over the 2017 baseline, depending on the compliance year and vehicle type (EPA and NHTSA 2016). The energy modeling for trucks does not consider specific fuel reductions from these regulations, because they would apply to fleets as they incorporate newer trucks meeting the regulatory standards; however, these regulations would have an overall beneficial effect on reducing fuel consumption from trucks over time as older trucks are replaced with newer models that meet the standards.

In addition, construction equipment and trucks are required to comply with CARB regulations regarding heavy-duty truck-idling limits of 5 minutes per occurrence. Off-road emissions standards would increase equipment efficiencies as they are phased-in over time, and as less-efficient equipment is phased out of construction fleets. These limitations would result in an increase in energy savings in the form of reduced fuel consumption from more fuel-efficient engines. Although these requirements are intended to reduce criteria pollutant emissions, compliance with the anti-idling and emissions regulations would also result in the efficient use of construction-related energy. Thus, based on the information above, construction and operation of the project would comply with state or local plans for renewable energy or energy efficiency.

Per CEQA Guidelines Appendix F, the project's construction equipment would be consistent with the energy standards applicable to construction equipment, including limiting idling fuel consumption and using contractors

[16] A general rule of thumb is to install a wind turbine on a tower with the bottom of the rotor blades at least 30 feet above anything within a 500-foot horizontal radius and to site it upwind of buildings and trees (APA 2011, NREL 2015).

that comply with applicable CARB regulatory standards that affect energy efficiency. Therefore, the project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency during project construction.

#### 4.4.2.2 Operation

The County's General Plan Energy Element sets targets and strategies to reduce GHG emissions and associated climate change by supporting new renewable energy facilities. Specifically, section 5.4.5, Solar Energy Development, encourages safe and orderly commercial solar development. The project would directly support this goal and the County's General Plan. The project's battery energy storage system would also support the storage of off-site renewable energy as PG&E increases its portfolio of renewable energy sources in support of SB 100's goal of carbon-free electricity by 2045.

Part 6 of Title 24 specifically establishes energy efficiency standards for residential and nonresidential buildings constructed in the state of California in order to reduce energy demand and consumption. The project would comply with Title 24, Part 6, per state regulations. In accordance with Title 24, Part 6, the project would have (a) sensor-based lighting controls—for fixtures located near windows, the lighting would be adjusted by taking advantage of available natural light; and (b) efficient process equipment—improved technology offers significant savings through more efficient processing equipment. Title 24, Part 11, contains voluntary and mandatory energy measures that are applicable to the project under the CALGreen Code. As discussed under Threshold 1, the project would result in an increased demand for electricity and petroleum. In accordance with Title 24, Part 11, mandatory compliance, the applicant would have (a) 50% of its construction and demolition waste diverted from landfills; (b) mandatory inspections of energy systems to ensure optimal working efficiency; (c) low-pollutant-emitting exterior and interior finish materials, such as paints, carpets, vinyl flooring, and particle boards; and (d) a 20% reduction in indoor water use. Compliance with all of these mandatory measures would decrease the consumption of electricity, natural gas, and petroleum.

Because the project would comply with Title 24, Part 6 and Part 11, the project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency.

### 4.4.3 Cumulative Impacts Summary

This section provides an analysis of cumulative impacts from construction and operation of the project and other past, present, and reasonably foreseeable future projects, as required by Section 15130 of the State CEQA Guidelines. Where a lead agency concludes that the cumulative effects of a project, taken together with the impacts of other closely related past, present, and reasonably foreseeable future projects are significant, the lead agency then must determine whether the project's incremental contribution to such significant cumulative impact is "cumulatively considerable" (and thus significant in and of itself).

Cumulative projects that could exacerbate the project's impacts include any projects that could result in wasteful, inefficient, or unnecessary use of energy. However, cumulative projects would be required by the County, as applicable, to conform to current federal, state, and local energy conservation standards, including the California Energy Code Building Energy Efficiency Standards (24 CCR Part 6), the CALGreen Code (24 CCR Part 11), and SB 743.

As a result, the project, in combination with other reasonably foreseeable projects, would not cause a wasteful use of energy or other nonrenewable natural resources. Therefore, the energy demand and use associated with the

project and cumulative projects would not substantially contribute to a cumulative impact on existing or proposed energy supplies or resources and would not cause a significant cumulative impact on energy resources.

Future development would be subject to the Title 24 standards in place at the time of construction. It is speculative whether other projects would conflict with a state or local plan for renewable energy. However, future projects would be subject to CEQA and evaluate whether they would conflict with applicable plans.

The project would not conflict with applicable plans for renewable energy, as it would be required to include solar pursuant to Title 24. As such, the project, in combination with other reasonably foreseeable projects, would not conflict with a state or local plan for renewable energy or energy efficiency.

# 5 References Cited


13 CCR 2025. Regulation to Reduce Emissions of Diesel Particulate Matter, Oxides of Nitrogen and Other Criteria Pollutants, from In-Use Heavy-Duty Diesel-Fueled Vehicles.

13 CCR 2449–2449.3 and Appendix A. General Requirements for In-Use Off-Road Diesel-Fueled Fleets.14 CCR 15000–15387 and Appendices A–L. Guidelines for Implementation of the California Environmental Quality Act, as amended.

14 CCR 15000–15387 and Appendices A–L. Guidelines for Implementation of the California Environmental Quality Act, as amended.

17 CCR 93000. Substances Identified as Toxic Air Contaminants. In Subchapter 7, Toxic Air Contaminants.

24 CCR Part 6. California Energy Code. Sacramento, California: California Building Standards Commission. March 2010. ISBN 978-1-58001-976-7. Effective January 1, 2011. Accessed August 2016. http://www.documents.dgs.ca.gov/bsc/Title_24/documents/ 2010/Part%206/2010-CA-Energy.pdf.

APA (American Planning Association). 2011. Planning for Wind Energy. https://planning-org-uploaded-media.s3.amazonaws.com/legacy_resources/research/wind/pdf/pas566.pdf.

California Public Resources Code Sections 40000–40511. Part 1. Integrated Waste Management.

CalRecycle (California Department of Resources Recycling and Recovery). 2019. *Short-Lived Climate Pollutants (SLCP): Organic Waste Methane Emissions Reductions.* https://calrecycle.ca.gov/laws/rulemaking/archive/2020-2/slcp/#:~:text=The%20law%20provides%20CalRecycle%20the%20regulatory%20authority%20required,of%20is%20recovered%20for%20human%20consumption%20by%202025.

CAPCOA (California Air Pollution Control Officers Association). 2008. *CEQA and Climate Change: Evaluating and Addressing Greenhouse Gas Emissions from Projects Subject to the California Environmental Quality Act*. January 2008.

CAPCOA. 2022. *California Emissions Estimator Model (CalEEMod) User's Guide Version 2022.1.1.29.* Prepared by ICF, in collaboration with Sacremento Metropolitan Air Quality Management District, Fehr & Peers, STI, and Ramboll. https://caleemod.com/documents/user-guide/01_User%20Guide.pdf.

CARB (California Air Resources Board). 2000. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*. October 2000. Accessed August 2016. http://www.arb.ca.gov/diesel/documents/rrpfinal.pdf.

CARB. 2005. *Air Quality and Land Use Handbook: A Community Health Perspective*. April 2005. Accessed August 2016. http://www.arb.ca.gov/ch/landuse.htm.

CARB. 2008. *Climate Change Scoping Plan: A Framework for Change.* December 2008. Accessed December 2019. http://www.arb.ca.gov/cc/scopingplan/document/scopingplandocument.htm.

CARB. 2014a. *First Update to the Climate Change Scoping Plan Building on the Framework Pursuant to AB 32 – The California Global Warming Solutions Act of 2006*. May 2014. Accessed August 2014. http://www.arb.ca.gov/cc/scopingplan/2013_update/first_update_climate_change_scoping_plan.pdf.

CARB. 2014b. "Truck and Bus Regulation, On-Road Heavy-Duty Diesel Vehicles (In-Use) Regulation." August 29, 2014. Accessed April 19, 2017. http://www.arb.ca.gov/msprog/onrdiesel/documents/FSRegSum.pdf.

CARB. 2016a. "Glossary of Air Pollution Terms." CARB website. Accessed June 2016. http://www.arb.ca.gov/html/gloss.htm.

CARB. 2016b. "Overview: Diesel Exhaust and Health." April 12, 2016. Accessed December 2016. https://www.arb.ca.gov/research/diesel/diesel-health.htm.

CARB. 2016c. "Ambient Air Quality Standards." May 4, 2016. Accessed August 2016. http://www.arb.ca.gov/research/aaqs/aaqs2.pdf.

CARB. 2017a. "Inhalable Particulate Matter and Health (PM2.5 and PM10)". https://www.arb.ca.gov/research/aaqs/common-pollutants/pm/pm.htm.

CARB. 2017b. *The 2017 Climate Change Scoping Plan Update*. January 20. Accessed January 2017. https://www.arb.ca.gov/cc/scopingplan/2030sp_pp_final.pdf.

CARB. 2019a. "Ozone & Health." https://ww2.arb.ca.gov/resources/ozone-and-health.

CARB. 2019b. "Nitrogen Dioxide & Health." https://ww2.arb.ca.gov/resources/nitrogen-dioxide-and-health.

CARB. 2019c. "Carbon Monoxide & Health." https://ww2.arb.ca.gov/resources/carbon-monoxide-and-health.

CARB. 2019d. "Sulfur Dioxide & Health." https://ww2.arb.ca.gov/resources/sulfur-dioxide-and-health.

CARB. 2019e. "Area Designation Maps/State and National." Last updated August 2019. https://ww2.arb.ca.gov/resources/documents/maps-state-and-federal-area-designations.

CARB. 2020a. "iADAM: Air Quality Data Statistics." Accessed August 2017. http://www.arb.ca.gov/adam/topfour/topfour1.php.

CARB. 2021a. "Advanced Clean Trucks Fact Sheet." August 20, 2021. Accessed at https://ww2.arb.ca.gov/sites/default/files/2021-08/200625factsheet_ADA.pdf

CARB. 2021b. Low Carbon Fuel Standard Data Dashboard. August 30. https://www.arb.ca.gov/fuels/lcfs/dashboard/dashboard.htm.

CARB. 2021c. Advanced Clean Cars Program. Accessed December 2021. https://ww2.arb.ca.gov/our-work/programs/advanced-clean-cars-program/about.

CARB. 2022. *Final 2022 Scoping Plan Update*. December 15. Accessed December 2022. https://ww2.arb.ca.gov/sites/default/files/2022-12/2022-sp.pdf.

CARB. 2022. "California Greenhouse Gas Emissions for 2000 to 2020." October 26, 2022. Accessed August 29, 2023. https://ww2.arb.ca.gov/sites/default/files/classic/cc/inventory/2000-2020_ghg_inventory_trends.pdf.

CARB. 2023. EMFAC (Emission Factor). "Welcome to EMFAC." Accessed August 29, 2023. https://arb.ca.gov/emfac/.

CARB. 2024. California Greenhouse Gas Emissions from 2000 to 2022: Trends of Emissions and Other Indicators. September 20. https://ww2.arb.ca.gov/sites/default/files/2024-09/nc-2000_2022_ghg_inventory_trends.pdf.

CDPH (California Department of Public Health). 2023. Valley Fever in California Dashboard. May 31. https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/ValleyFeverDashboard.aspx.

CEC (California Energy Commission). 2018. "2019 Building Energy Efficiency Standards Fact Sheet." March 2018. https://www.energy.ca.gov/title24/2019standards/documents/2018_Title_24_2019_Building_Standards_FAQ.pdf.

CEC 2021. 2022 Building Energy Efficiency Standards for Residential and Nonresidential Buildings. https://www.energy.ca.gov/sites/default/files/2022-12/CEC-400-2022-010_CMF.pdf

CEC. 2022a. Electricity Consumption By County. Accessed June 2022. http://www.ecdms.energy.ca.gov/elecbycounty.aspx.

CEC. 2023. *2023 Integrated Energy Policy Report*. Publication No. CEC-100-2023-001-CMF. https://efiling.energy.ca.gov/GetDocument.aspx?tn=254463.

CEC. 2024a. "Electricity Consumption By County." http://www.ecdms.energy.ca.gov/elecbycounty.aspx.

CEC. 2024b. Transportation Fuels Assessment. August 2024. https://www.assembly.ca.gov/system/files/2024-09/cec-transportation-fuels-assessment-august-2024.pdf.

CEC. 2024c. "Gas Consumption By County." http://www.ecdms.energy.ca.gov/gasbycounty.aspx.

CNRA (California Natural Resources Agency). 2009. *Final Statement of Reasons for Regulatory Action: Amendments to the State CEQA Guidelines Addressing Analysis and Mitigation of Greenhouse Gas Emissions Pursuant to SB 97*. December 2009.

CNRA. 2018b. *California's Fourth Climate Change Assessment – San Joaquin Valley Region Report*. https://www.energy.ca.gov/sites/default/files/2019-11/Reg_Report-SUM-CCCA4-2018-003_SanJoaquinValley_Preview_ADA.pdf.

CPUC (California Public Utilities Commission). 2008. 2008 Update Energy Action Plan. February. https://www.cpuc.ca.gov/-/media/cpuc-website/files/uploadedfiles/cpuc_public_website/content/utilities_and_industries/energy_-_electricity_and_natural_gas/2008-energy-action-plan-update.pdf.

CPUC. 2020. *2020 California Renewables Portfolio Standard Annual Report*. November 2020. Accessed March 2021. https://www.cpuc.ca.gov/-/media/cpuc-website/industries-and-topics/documents/energy/rps/2022-rps-annual-report-to-the-legislature.pdf.

CPUC. 2022. *2022 California Renewables Portfolio Standard Annual Report*. November 2022. Accessed November 2024. https://www.cpuc.ca.gov/-/media/cpuc-website/industries-and-topics/documents/energy/rps/2022-rps-annual-report-to-the-legislature.pdf.

EIA (U.S. Energy Information Administration). 2021. "Total Petroleum Consumption Estimates, 2020." California: State Profile and Energy Estimates. Accessed August 29, 2023. https://www.eia.gov/state/seds/data.php?incfile=/state/seds/sep_fuel/html/fuel_use_pa.html&sid=US&sid=CA.

EIA. 2022a. "Natural Gas Consumption Estimates, 2022." California: State Profile and Energy Estimates. Accessed November 2024. https://www.eia.gov/state/seds/data.php?incfile=/state/seds/sep_fuel/html/fuel_use_ng.html&sid=US&sid=CA.

EIA. 2022b. "Total Petroleum Consumption Estimates, 2022." California: State Profile and Energy Estimates. Accessed November 2024. https://www.eia.gov/state/seds/data.php?incfile=/state/seds/sep_fuel/html/fuel_use_pa.html&sid=US&sid=CA.

EIA. 2024a. "State Electricity Profiles – California". Last updated November 6, 2024. Accessed November 2024. https://www.eia.gov/electricity/state/california/.

EIA. 2024b. "California State Energy Profile." Last updated May 2024. Accessed November 2024. https://www.eia.gov/state/print.php?sid=CA.

Electrek 2022. "California runs on 100% clean energy for the first time, with solar dominating." https://electrek.co/2022/05/02/california-runs-on-100-clean-energy-for-the-first-time-with-solar-dominating/.

EPA (U.S. Environmental Protection Agency). 2004. *Air Quality Criteria for Particulate Matter*, Vol. 1 and 2. EPA/600/P-99/002aF. National Center For Environmental Assessment, Office of Research and Development, U.S. Environmental Protection Agency, Research Triangle Park, NC. October 2004.

EPA. 2007. Energy Independence and Security Act of 2007. Accessed December 2016. https://www.gpo.gov/fdsys/pkg/BILLS-110hr6enr/pdf/BILLS-110hr6enr.pdf.

EPA. 2008. "Reducing Urban Heat Islands: Compendium of Strategies – Urban Heat Island Basics." Accessed January 2021. https://nepis.epa.gov/Exe/ZyNET.exe/P100RPJ6.txt?ZyActionD=ZyDocument&Client=EPA&Index=2006%20Thru%202010&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&UseQField=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5CZYFILES%5CINDEX%20DATA%5C06THRU10%5CTXT%5C00000037%5CP100RPJ6.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=

r75g8/r75g8/x150y150g16/i425&Display=hpfr&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=5.

EPA. 2009. *Integrated Science Assessment for Particulate Matter*. U.S. EPA, EPA/600/R-08/139F, 2009.

EPA. 2011. *Greenhouse Gas Emissions Standards and Fuel Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles*. https://www.govinfo.gov/content/pkg/FR-2011-09-15/pdf/2011-20740.pdf.

EPA. 2013. *Integrated Science Assessment of Ozone and Related Photochemical Oxidants*. U.S. EPA, EPA/600R-10/076F, 2013.

EPA. 2015. "Transportation Conformity Guidance for Quantitative Hotspot Analyses of $PM_{2.5}$ and $PM_{10}$ Nonattainment and Maintenance Areas." https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100NMXM.pdf.

EPA. 2016a. "Criteria Air Pollutants." July 21, 2016. Accessed August 2016. https://www.epa.gov/criteria-air-pollutants.

EPA. 2016b. "Glossary of Climate Change Terms." August 9, 2016. Accessed August 2016. https://www3.epa.gov/climatechange/glossary.html.

EPA. 2017a. "Climate Change." Last updated January 19, 2017. Accessed January 2017. https://www.epa.gov/climatechange.

EPA. 2017b. "Carbon Pollution Standards for Cars and Light Trucks to Remain Unchanged Through 2025." January 13. Accessed February 2017. https://19january2017snapshot.epa.gov/newsreleases/carbon-pollution-standards-cars-and-light-trucks-remain-unchanged-through-2025_.html.

EPA. 2017c. "Overview for Renewable Fuel Standard." Last updated June 7, 2017. Accessed February 2019. https://www.epa.gov/renewable-fuel-standard-program/overview-renewable-fuel-standard.

EPA. 2018. *Residential Air Cleaners: A Technical Summary*. July. https://www.epa.gov/sites/production/files/2018-07/documents/residential_air_cleaners_-_a_technical_summary_3rd_edition.pdf.

EPA. 2020a. "AirData: Access to Air Pollution Data." Last updated July 31, 2018. Accessed December 2020. http://www.epa.gov/airdata/ad_rep_mon.html.

EPA. 2021. "Notice of Reconsideration of a Previous Withdrawal of a Waiver for California's Advanced Clean Car Program (Light-Duty Vehicle Greenhouse Gas Emission Standards and Zero Emission Vehicle Requirements)." Accessed May 2021. https://www.epa.gov/regulations-emissions-vehicles-and-engines/notice-reconsideration-previous-withdrawal-waiver.

EPA. 2023. *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2021*. Accessed August 29, 2023. https://www.epa.gov/system/files/documents/2023-04/US-GHG-Inventory-2023-Main-Text.pdf.

EPA. 2024. Inventory of US Greenhouse Gas Emissions and Sinks 1990-2022. https://www.epa.gov/system/files/documents/2024-04/us-ghg-inventory-2024-main-text_04-18-2024.pdf.

EPA and NHTSA (National Highway Traffic Safety Administration). 2016 *Final Rule for Phase 2 Greenhouse Gas Emissions Standards and Fuel Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles*. https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-phase-2-greenhouse-gas-emissions-standards.

EPA and NHTSA. 2018. "EPA and NHTSA MYs 2021-2026 CAFE Proposal – By the Numbers." August 2018. https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100V26H.pdf.

IEEE (Institute of Electrical and Electronics Engineers). 2018. PC37.122 – Standard for High Voltage Gas-Insulated Substations Rated Above 52 kV. March 8, 2018. https://standards.ieee.org/project/C37_122.html.

IPCC (Intergovernmental Panel on Climate Change). 2007. *IPCC Fourth Assessment Synthesis of Scientific-Technical Information Relevant to Interpreting Article 2 of the U.N. Framework Convention on Climate Change*.

IPCC. 2013. *Climate Change 2013: The Physical Science Basis—Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*, edited by T.F. Stocker, D. Qin, G.-K. Plattner, M. Tignor, S.K. Allen, J. Boschung, A. Nauels, Y. Xia, V. Bex, and P.M. Midgley. Cambridge, United Kingdom and New York, New York: Cambridge University Press.

IPCC. 2014. *Climate Change 2014 Synthesis Report: A Report of the Intergovernmental Panel on Climate Change.* Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. Accessed August 2016. http://www.ipcc.ch/report/ar5/syr/.

IPCC. 2018. "Summary for Policymakers." In *Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty.* Accessed July 2019. https://www.ipcc.ch/site/assets/uploads/sites/2/2022/06/SPM_version_report_LR.pdf.

Kern Council of Governments. 2022. *Final 2022 Regional Transportation Plan*. July 21. Accessed July 27. https://www.kerncog.org/category/docs/rtp/.

Kern County. 1974. Buttonwillow Community Development Plan. April. https://psbweb.kerncounty.com/planning/pdfs/SPs/ButtonwillowSP.pdf.

Kern County. 2006. Guidelines for Preparing and Air Quality Assessment for Use in Environmental Impact Reports. December 1. Accessed August 2022. http://www.kernair.org/Documents/CEQA/AirQualityAssessmentPreparationGuidelines.pdf.

Kern County. 2009. *Kern County General Plan*. September 22. Accessed August 2022. https://psbweb.co.kern.ca.us/planning/pdfs/kcgp/KCGP_Complete.pdf.

Kern County. 2012. Communitywide Greenhouse Gas Emissions Inventory 2005 Baseline Year – 2020 Forecast. May. Accessed August 2022. https://www.kerncog.org/wpcontent/uploads/2011/09/kc_ghg_final_report_052012.pdf.

NRC (National Research Council). 2005. *Interim Report of the Committee on Changes in New Source Review Programs for Stationary Sources of Air Pollutants*. Washington, DC: The National Academies Press. https://doi.org/10.17226/11208.

NREL (National Renewable Energy Laboratory). 2015. *Small Wind Site Assessment Guidelines*. https://www.nrel.gov/docs/fy15osti/63696.pdf.

OEHHA (Office of Environmental Health Hazard Assessment). 2015. *Air Toxics Hot Spots Program. Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments*. February 2015. http://oehha.ca.gov/air/hot_spots/2015/2015GuidanceManual.pdf.

OEHHA. 2018. *Indicators of Climate Change in California.* May 9, 2018. https://oehha.ca.gov/media/downloads/climate-change/report/2018caindicatorsreportmay2018.pdf.

OPR (Governor's Office of Planning and Research). 2018. *Discussion Draft CEQA and Climate Change Advisory.* Accessed March 2019. http://opr.ca.gov/docs/20181228-Discussion_Draft_Climate_Change_Adivsory.pdf.

PG&E (Pacific Gas and Electric Company). 2020. "Company Profile." Accessed June 2020. https://www.pge.com/en_US/about-pge/company-information/profile/profile.page.

PBL (PBL Netherlands Environmental Assessment Agency). 2022. *Trends in Global $CO_2$ and Total Greenhouse Gas Emissions, 2021 Report*. https://www.pbl.nl/sites/default/files/downloads/pbl-2022-trends-in-global-co2-and_total-greenhouse-gas-emissions-2021-summary-report_4758.pdf.

SCAQMD (South Coast Air Quality Management District). 2017. *2016 Air Quality Management Plan*, Appendix I, Health Effects. March 2017. https://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2016-air-quality-management-plan/final-2016-aqmp/appendix-i.pdf?sfvrsn=14.

SJVAPCD (San Joaquin Valley Air Pollution Control District). 2000. *Environmental Review Guidelines Procedures for Implementing the California Environmental Quality Act.* August 2000. Accessed August 2020. http://www.valleyair.org/transportation/CEQA%20Rules/ERG%20Adopted%20_August%202000_.pdf.

SJVAPCD. 2004. *Extreme Ozone Attainment Demonstration Plan.* October 2004. Accessed August 2017. http://www.valleyair.org/Air_Quality_Plans/AQ_Final_Adopted_Ozone2004.htm.

SJVAPCD. 2007a. *2007 $PM_{10}$ Maintenance Plan and Request for Redesignation.* September 2007. Accessed August 2017. http://www.valleyair.org/Air_Quality_Plans/docs/Maintenance%20Plan10-25-07.pdf.

SJVAPCD. 2007b. *2007 Ozone Plan*. April 2007. Accessed August 2017. http://www.valleyair.org/Air_Quality_Plans/docs/AQ_Ozone_2007_Adopted/2007_8HourOzone_CompletePlan.pdf.

SJVAPCD. 2008. *2008 $PM_{2.5}$ Plan*. April 2008. Accessed August 2017. http://www.valleyair.org/Air_Quality_Plans/AQ_Final_Adopted_PM25_2008.htm.

SJVAPCD. 2009a. *Reasonably Available Control Technology (RACT) Demonstration for Ozone State Implementation Plans (SIP)*. April 2009. Accessed August 2017. http://www.valleyair.org/Air_Quality_Plans/docs/RACTSIP-2009.pdf.

SJVAPCD. 2009b. *Final Staff Report – Addressing GHG Emissions Impacts under the California Environmental Quality Act.* December 2009. Accessed August 30, 2023. https://files.ceqanet.opr.ca.gov/266135-4/attachment/qTRk8bjV673IdIh7rM6ivnbJaAbZwt0LqXyF1XyFhQ-h8tXh2u_mfqp4l3qt7d4kV7RNnSl8huZXWUg80.

SJVAPCD. 2009c. *Guidance for Valley Land-Use Agencies in Addressing GHG Emission Impacts for New projects under CEQA.* December 2009. Accessed August 30, 2023. https://www.valleyair.org/Programs/CCAP/12-17-09/3%20CCAP%20%20FINAL%20LU%20Guidance%20-%20Dec%2017%202009.pdf.

SJVAPCD. 2012. *2012 $PM_{2.5}$ Plan.* December 2012. Accessed August 2017. http://www.valleyair.org/Air_Quality_Plans/PM25Plan2012/CompletedPlanbookmarked.pdf.

SJVAPCD. 2013. *2013 Plan for the Revoked 1-Hour Ozone Standard*. September 2013. Accessed August 2017. http://www.valleyair.org/Air_Quality_Plans/OzoneOneHourPlan2013/AdoptedPlan.pdf.

SJVAPCD. 2014a. *2014 Reasonably Available Control Technology (RACT) Demonstration for the 8-Hour Ozone State Implementation Plan (SIP)*. June 2014. Accessed August 2017. http://www.valleyair.org/Air_Quality_Plans/docs/2014-RACT-SIP.PDF.

SJVAPCD. 2014b. APR 1925 (Policy for District Rule 2201 AAQA Modeling). April 2014.

SJVAPCD. 2015a. *Guidance for Assessing and Mitigating Air Quality Impacts*. Accessed August 2017. http://www.valleyair.org/transportation/GAMAQI_3-19-15.pdf.

SJVAPCD. 2015b. *2015 Plan for the 1997 $PM_{2.5}$ Standard*. April 2015. Accessed August 2017. http://www.valleyair.org/Air_Quality_Plans/docs/PM25-2015/2015-PM2.5-Plan_Bookmarked.pdf.

SJVAPCD. 2015c. *2015 Annual Demonstration Report SIP Credit for Emission Reductions Generated Through Incentive Programs*. August 2015. Accessed August 2017. http://www.valleyair.org/MOP/docs/AnnualDemonstrationReport_081315.pdf.

SJVAPCD. 2015d. "APR 1906 (Framework for Performing Health Risk Assessment)." June 2015. http://www.valleyair.org/policies_per/Policies/APR-1906-7-1-18.pdf.

SJVAPCD. 2016a. *2016 Plan for the 2008 8-Hour Ozone Standard*. Adopted June 16, 2016. Accessed August 2017. http://www.valleyair.org/Air_Quality_Plans/Ozone-Plan-2016/Adopted-Plan.pdf.

SJVAPCD. 2016b. *2016 Moderate Area Plan for the 2012 $PM_{2.5}$ Standard.* September 2016. Accessed August 2017. http://www.valleyair.org/Air_Quality_Plans/docs/PM25-2016/2016-Plan.pdf.

SJVAPCD. 2018. "Air Quality Modeling: Permitting & CEQA." Accessed October 2020. http://www.valleyair.org/busind/pto/Tox_Resources/AirQualityMonitoring.htm#met_data.

SJVAPCD. 2020a. *2020 Reasonably Available Control Technology Demonstration for the 2015 8-hour Ozone Standard.* June 18, 2020. Accessed August 2020. http://valleyair.org/Air_Quality_Plans/docs/2020-RACT-Demonstration.pdf.

SJVAPCD. 2020b. *2018 Plan for the 1997, 2006, and 2012 $PM_{2.5}$ Standard.* June 30, 2020. Accessed August 2020. https://www.regulations.gov/document?D=EPA-R09-OAR-2019-0318-0201.

SJVAPCD. 2020c. Ambient Air Quality Standards & Valley Attainment Status. Accessed December 2020. http://www.valleyair.org/aqinfo/attainment.htm.

SJVAPCD. 2022. *2022 Plan for the 2015 8-Hour Ozone Standard.* https://ww2.valleyair.org/media/q55posm0/0000-2022-plan-for-the-2015-8-hour-ozone-standard.pdf.

The Climate Registry. 2023. Default Emission Factors. https://theclimateregistry.org/wp-content/uploads/2023/06/2023-Default-Emission-Factors-Final-1.pdf.

# 6 List of Preparers

Adam Poll, Senior Air Quality Specialist

Jennifer Farned, Technical Editor

INTENTIONALLY LEFT BLANK

# Appendix A
CalEEMod Output Files

# Table of Contents


| | |
|---|---|
| Buttonbush Solar 2GW 60 Months Tier 4 Detailed Report | 2 |
| Buttonbush Solar Onsite Detailed Report | 98 |
| Buttonbush Decommissioning Detailed Report | 194 |
| Buttonbush Decommissioning Onsite Detailed Report | 232 |
| RPS GHG | 270 |
| SF6_Calculations | 271 |

# Buttonbush Solar 2GW 60 Months Tier 4 Detailed Report

## Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

3.2. Site Preparation (2025) - Mitigated

3.3. Site Preparation (2026) - Unmitigated

3.4. Site Preparation (2026) - Mitigated

3.5. Tracker Foundations (2026) - Unmitigated

3.6. Tracker Foundations (2026) - Mitigated

3.7. Tracker Foundations (2027) - Unmitigated

3.8. Tracker Foundations (2027) - Mitigated

3.9. Electrical Installation (2029) - Unmitigated

3.10. Electrical Installation (2029) - Mitigated

3.11. Electrical Installation (2030) - Unmitigated

3.12. Electrical Installation (2030) - Mitigated

3.13. Mechanical Installation (2028) - Unmitigated

3.14. Mechanical Installation (2028) - Mitigated

3.15. Mechanical Installation (2029) - Unmitigated

3.16. Mechanical Installation (2029) - Mitigated

3.17. Underground Cabling (2027) - Unmitigated

3.18. Underground Cabling (2027) - Mitigated

3.19. Underground Cabling (2028) - Unmitigated

3.20. Underground Cabling (2028) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

# 1. Basic Project Information

## 1.1. Basic Project Information

| Data Field | Value |
|---|---|
| Project Name | Buttonbush Solar 2GW 60 Months Tier 4 |
| Construction Start Date | 7/1/2025 |
| Operational Year | 2030 |
| Lead Agency | — |
| Land Use Scale | Project/site |
| Analysis Level for Defaults | County |
| Windspeed (m/s) | 2.70 |
| Precipitation (days) | 16.2 |
| Location | 35.45281010000666, -119.43940020399636 |
| County | Kern-San Joaquin |
| City | Unincorporated |
| Air District | San Joaquin Valley APCD |
| Air Basin | San Joaquin Valley |
| TAZ | 2940 |
| EDFZ | 5 |
| Electric Utility | Pacific Gas & Electric Company |
| Gas Utility | Southern California Gas |
| App Version | 2022.1.1.30 |

## 1.2. Land Use Types

| Land Use Subtype | Size | Unit | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscape Area (sq ft) | Population | Description |
|---|---|---|---|---|---|---|---|---|
| General Light Industry | 50.0 | 1000sqft | 100 | 50,000 | — | — | — | — |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| General Office Building | 3.20 | 1000sqft | 0.07 | 3,200 | — | — | — | — |

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

| Sector | # | Measure Title |
|---|---|---|
| Construction | C-1-A | Use Electric or Hybrid Powered Equipment |
| Construction | C-5 | Use Advanced Engine Tiers |
| Construction | C-9 | Use Dust Suppressants |

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 36.1 | 30.5 | 216 | 290 | 0.54 | 10.1 | 355 | 365 | 9.38 | 40.3 | 49.6 | — | 92,520 | 92,520 | 1.89 | 6.57 | 171 | 94,696 |
| Mit. | 13.3 | 11.9 | 67.4 | 328 | 0.53 | 1.22 | 355 | 356 | 1.22 | 40.3 | 41.5 | — | 91,958 | 91,958 | 1.86 | 6.57 | 171 | 94,132 |
| % Reduced | 63% | 61% | 69% | -13% | 1% | 88% | — | 2% | 87% | — | 16% | — | 1% | 1% | 1% | < 0.5% | — | 1% |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 30.5 | 26.0 | 196 | 268 | 0.67 | 9.26 | 445 | 449 | 8.57 | 51.0 | 54.7 | — | 107,258 | 107,258 | 2.32 | 7.87 | 4.35 | 109,666 |
| Mit. | 15.6 | 13.5 | 89.2 | 281 | 0.59 | 1.60 | 445 | 446 | 1.58 | 51.0 | 52.6 | — | 101,265 | 101,265 | 2.07 | 7.82 | 4.35 | 103,653 |
| % Reduced | 49% | 48% | 54% | -5% | 12% | 83% | — | 1% | 82% | — | 4% | — | 6% | 6% | 10% | 1% | — | 5% |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unmit. | 14.6 | 12.3 | 89.3 | 115 | 0.26 | 4.19 | 159 | 160 | 3.88 | 18.3 | 19.8 | — | 39,513 | 39,513 | 0.86 | 2.92 | 31.0 | 40,375 |
| Mit. | 5.86 | 5.02 | 36.8 | 121 | 0.22 | 0.67 | 159 | 160 | 0.65 | 18.3 | 18.8 | — | 37,853 | 37,853 | 0.78 | 2.91 | 31.0 | 38,766 |
| % Reduced | 60% | 59% | 59% | -5% | 17% | 84% | — | 1% | 83% | — | 5% | — | 4% | 4% | 9% | < 0.5% | — | 4% |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 2.66 | 2.24 | 16.3 | 21.1 | 0.05 | 0.77 | 29.0 | 29.3 | 0.71 | 3.34 | 3.61 | — | 6,542 | 6,542 | 0.14 | 0.48 | 5.13 | 6,685 |
| Mit. | 1.07 | 0.92 | 6.72 | 22.1 | 0.04 | 0.12 | 29.0 | 29.1 | 0.12 | 3.34 | 3.44 | — | 6,267 | 6,267 | 0.13 | 0.48 | 5.13 | 6,418 |
| % Reduced | 60% | 59% | 59% | -5% | 17% | 84% | — | 1% | 83% | — | 5% | — | 4% | 4% | 9% | < 0.5% | — | 4% |

## 2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 13.1 | 11.1 | 85.6 | 93.6 | 0.22 | 3.71 | 133 | 136 | 3.43 | 14.8 | 18.2 | — | 34,632 | 34,632 | 0.99 | 2.43 | 61.7 | 35,443 |
| 2026 | 36.1 | 30.5 | 216 | 290 | 0.54 | 10.1 | 355 | 365 | 9.38 | 40.3 | 49.6 | — | 92,520 | 92,520 | 1.89 | 6.57 | 171 | 94,696 |
| 2027 | 8.88 | 7.45 | 61.5 | 46.2 | 0.18 | 2.89 | 98.0 | 101 | 2.67 | 10.4 | 13.1 | — | 22,651 | 22,651 | 0.58 | 1.64 | 27.0 | 23,180 |
| 2028 | 18.7 | 16.2 | 108 | 195 | 0.38 | 2.88 | 222 | 225 | 2.69 | 25.5 | 28.2 | — | 59,661 | 59,661 | 1.22 | 4.00 | 93.4 | 60,977 |
| 2029 | 12.5 | 10.7 | 58.0 | 130 | 0.29 | 1.73 | 222 | 224 | 1.62 | 25.5 | 27.1 | — | 52,666 | 52,666 | 0.98 | 3.91 | 83.9 | 53,939 |
| 2030 | 12.1 | 10.3 | 55.5 | 124 | 0.29 | 1.67 | 222 | 224 | 1.57 | 25.5 | 27.1 | — | 51,790 | 51,790 | 0.98 | 3.27 | 74.8 | 52,863 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 12.8 | 10.8 | 87.2 | 80.5 | 0.22 | 3.71 | 133 | 136 | 3.43 | 14.8 | 18.2 | — | 33,719 | 33,719 | 0.81 | 2.43 | 1.60 | 34,465 |
| 2026 | 22.7 | 19.1 | 138 | 170 | 0.32 | 6.57 | 222 | 229 | 6.07 | 25.5 | 31.6 | — | 56,075 | 56,075 | 1.21 | 4.22 | 2.96 | 57,366 |
| 2027 | 30.5 | 26.0 | 196 | 208 | 0.50 | 9.26 | 320 | 330 | 8.57 | 35.9 | 44.5 | — | 77,746 | 77,746 | 1.77 | 5.75 | 3.39 | 79,508 |
| 2028 | 26.8 | 22.3 | 172 | 212 | 0.56 | 5.74 | 320 | 326 | 5.33 | 35.9 | 41.2 | — | 79,741 | 79,741 | 1.90 | 5.64 | 3.06 | 81,473 |
| 2029 | 28.5 | 23.9 | 163 | 268 | 0.67 | 3.92 | 445 | 449 | 3.67 | 51.0 | 54.7 | — | 107,258 | 107,258 | 2.32 | 7.87 | 4.35 | 109,666 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2030 | 11.7 | 9.83 | 57.6 | 101 | 0.29 | 1.67 | 222 | 224 | 1.57 | 25.5 | 27.1 | — | 49,738 | 49,738 | 1.03 | 3.80 | 1.94 | 50,899 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 4.62 | 3.89 | 31.2 | 29.9 | 0.08 | 1.33 | 45.8 | 47.1 | 1.23 | 5.11 | 6.35 | — | 12,232 | 12,232 | 0.28 | 0.88 | 9.60 | 12,509 |
| 2026 | 14.6 | 12.3 | 89.3 | 109 | 0.22 | 4.19 | 139 | 143 | 3.88 | 15.9 | 19.8 | — | 36,838 | 36,838 | 0.79 | 2.72 | 31.0 | 37,698 |
| 2027 | 8.82 | 7.48 | 58.5 | 55.1 | 0.16 | 2.76 | 90.8 | 93.5 | 2.55 | 9.98 | 12.5 | — | 22,606 | 22,606 | 0.53 | 1.65 | 14.5 | 23,124 |
| 2028 | 12.6 | 10.5 | 76.6 | 115 | 0.26 | 2.15 | 146 | 149 | 2.00 | 16.8 | 18.8 | — | 39,513 | 39,513 | 0.86 | 2.73 | 26.9 | 40,375 |
| 2029 | 9.70 | 8.20 | 50.8 | 91.3 | 0.23 | 1.36 | 159 | 160 | 1.28 | 18.3 | 19.6 | — | 39,119 | 39,119 | 0.79 | 2.92 | 27.0 | 40,036 |
| 2030 | 3.87 | 3.28 | 18.9 | 35.0 | 0.10 | 0.55 | 70.6 | 71.1 | 0.52 | 8.12 | 8.64 | — | 16,637 | 16,637 | 0.33 | 1.26 | 10.7 | 17,031 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 0.84 | 0.71 | 5.69 | 5.46 | 0.01 | 0.24 | 8.36 | 8.60 | 0.23 | 0.93 | 1.16 | — | 2,025 | 2,025 | 0.05 | 0.14 | 1.59 | 2,071 |
| 2026 | 2.66 | 2.24 | 16.3 | 19.8 | 0.04 | 0.77 | 25.3 | 26.1 | 0.71 | 2.90 | 3.61 | — | 6,099 | 6,099 | 0.13 | 0.45 | 5.13 | 6,241 |
| 2027 | 1.61 | 1.37 | 10.7 | 10.0 | 0.03 | 0.50 | 16.6 | 17.1 | 0.47 | 1.82 | 2.29 | — | 3,743 | 3,743 | 0.09 | 0.27 | 2.39 | 3,828 |
| 2028 | 2.29 | 1.91 | 14.0 | 21.1 | 0.05 | 0.39 | 26.7 | 27.1 | 0.37 | 3.06 | 3.42 | — | 6,542 | 6,542 | 0.14 | 0.45 | 4.45 | 6,685 |
| 2029 | 1.77 | 1.50 | 9.27 | 16.7 | 0.04 | 0.25 | 29.0 | 29.3 | 0.23 | 3.34 | 3.57 | — | 6,477 | 6,477 | 0.13 | 0.48 | 4.47 | 6,628 |
| 2030 | 0.71 | 0.60 | 3.44 | 6.39 | 0.02 | 0.10 | 12.9 | 13.0 | 0.09 | 1.48 | 1.58 | — | 2,754 | 2,754 | 0.06 | 0.21 | 1.77 | 2,820 |

## 2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 4.51 | 4.07 | 24.1 | 118 | 0.21 | 0.48 | 133 | 133 | 0.48 | 14.8 | 15.3 | — | 34,310 | 34,310 | 0.97 | 2.43 | 61.7 | 35,120 |
| 2026 | 13.3 | 11.9 | 67.4 | 328 | 0.53 | 1.22 | 355 | 356 | 1.22 | 40.3 | 41.5 | — | 91,958 | 91,958 | 1.86 | 6.57 | 171 | 94,132 |
| 2027 | 1.87 | 1.73 | 17.0 | 66.5 | 0.17 | 0.38 | 98.0 | 98.4 | 0.38 | 10.4 | 10.8 | — | 22,329 | 22,329 | 0.57 | 1.63 | 27.0 | 22,857 |
| 2028 | 9.39 | 8.66 | 53.1 | 179 | 0.31 | 0.98 | 222 | 223 | 0.96 | 25.5 | 26.4 | — | 54,388 | 54,388 | 1.01 | 3.96 | 93.4 | 55,686 |
| 2029 | 7.69 | 6.87 | 32.6 | 158 | 0.28 | 0.68 | 222 | 223 | 0.68 | 25.5 | 26.2 | — | 51,949 | 51,949 | 0.95 | 3.90 | 83.9 | 53,219 |
| 2030 | 7.39 | 6.61 | 31.5 | 152 | 0.28 | 0.68 | 222 | 223 | 0.68 | 25.5 | 26.2 | — | 51,070 | 51,070 | 0.95 | 3.26 | 74.8 | 52,141 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 4.19 | 3.73 | 25.7 | 104 | 0.21 | 0.48 | 133 | 133 | 0.48 | 14.8 | 15.3 | — | 33,397 | 33,397 | 0.80 | 2.43 | 1.60 | 34,142 |
| 2026 | 8.27 | 7.29 | 46.9 | 183 | 0.32 | 0.74 | 222 | 223 | 0.74 | 25.5 | 26.2 | — | 55,835 | 55,835 | 1.20 | 4.22 | 2.96 | 57,125 |
| 2027 | 9.32 | 8.71 | 63.5 | 242 | 0.49 | 1.12 | 320 | 322 | 1.12 | 35.9 | 37.0 | — | 77,185 | 77,185 | 1.75 | 5.75 | 3.39 | 78,944 |
| 2028 | 10.6 | 9.08 | 73.4 | 216 | 0.48 | 1.36 | 320 | 322 | 1.33 | 35.9 | 37.2 | — | 74,146 | 74,146 | 1.67 | 5.60 | 3.06 | 75,858 |
| 2029 | 15.6 | 13.5 | 89.2 | 281 | 0.59 | 1.60 | 445 | 446 | 1.58 | 51.0 | 52.6 | — | 101,265 | 101,265 | 2.07 | 7.82 | 4.35 | 103,653 |
| 2030 | 6.96 | 6.11 | 33.6 | 129 | 0.28 | 0.68 | 222 | 223 | 0.68 | 25.5 | 26.2 | — | 49,019 | 49,019 | 1.00 | 3.80 | 1.94 | 50,177 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 1.52 | 1.36 | 9.02 | 38.5 | 0.08 | 0.17 | 45.8 | 46.0 | 0.17 | 5.11 | 5.29 | — | 12,116 | 12,116 | 0.28 | 0.87 | 9.60 | 12,393 |
| 2026 | 5.24 | 4.63 | 29.1 | 121 | 0.21 | 0.49 | 139 | 139 | 0.49 | 15.9 | 16.4 | — | 36,640 | 36,640 | 0.78 | 2.72 | 31.0 | 37,499 |
| 2027 | 2.36 | 2.20 | 17.8 | 69.0 | 0.15 | 0.35 | 90.8 | 91.1 | 0.35 | 9.98 | 10.3 | — | 22,380 | 22,380 | 0.52 | 1.64 | 14.5 | 22,898 |
| 2028 | 5.86 | 5.02 | 36.8 | 107 | 0.22 | 0.67 | 146 | 147 | 0.65 | 16.8 | 17.4 | — | 36,114 | 36,114 | 0.73 | 2.70 | 26.9 | 36,964 |
| 2029 | 5.57 | 4.90 | 28.3 | 105 | 0.22 | 0.54 | 159 | 160 | 0.54 | 18.3 | 18.8 | — | 37,853 | 37,853 | 0.74 | 2.91 | 27.0 | 38,766 |
| 2030 | 2.32 | 2.05 | 10.9 | 44.3 | 0.09 | 0.22 | 70.6 | 70.8 | 0.22 | 8.12 | 8.34 | — | 16,399 | 16,399 | 0.32 | 1.26 | 10.7 | 16,792 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 0.28 | 0.25 | 1.65 | 7.03 | 0.01 | 0.03 | 8.36 | 8.39 | 0.03 | 0.93 | 0.97 | — | 2,006 | 2,006 | 0.05 | 0.14 | 1.59 | 2,052 |
| 2026 | 0.96 | 0.85 | 5.30 | 22.1 | 0.04 | 0.09 | 25.3 | 25.4 | 0.09 | 2.90 | 2.99 | — | 6,066 | 6,066 | 0.13 | 0.45 | 5.13 | 6,208 |
| 2027 | 0.43 | 0.40 | 3.24 | 12.6 | 0.03 | 0.06 | 16.6 | 16.6 | 0.06 | 1.82 | 1.89 | — | 3,705 | 3,705 | 0.09 | 0.27 | 2.39 | 3,791 |
| 2028 | 1.07 | 0.92 | 6.72 | 19.6 | 0.04 | 0.12 | 26.7 | 26.8 | 0.12 | 3.06 | 3.18 | — | 5,979 | 5,979 | 0.12 | 0.45 | 4.45 | 6,120 |
| 2029 | 1.02 | 0.89 | 5.16 | 19.2 | 0.04 | 0.10 | 29.0 | 29.1 | 0.10 | 3.34 | 3.44 | — | 6,267 | 6,267 | 0.12 | 0.48 | 4.47 | 6,418 |
| 2030 | 0.42 | 0.37 | 1.99 | 8.09 | 0.02 | 0.04 | 12.9 | 12.9 | 0.04 | 1.48 | 1.52 | — | 2,715 | 2,715 | 0.05 | 0.21 | 1.77 | 2,780 |

## 2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.79 | 1.73 | 1.99 | 5.60 | 0.02 | 0.04 | 1.37 | 1.41 | 0.04 | 0.35 | 0.39 | 35.0 | 51,852 | 51,887 | 12.3 | 1.25 | 18.0 | 52,584 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.36 | 1.33 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | 35.0 | 51,740 | 51,775 | 12.3 | 1.25 | 13.2 | 52,469 |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.57 | 1.52 | 2.08 | 3.61 | 0.02 | 0.04 | 1.36 | 1.40 | 0.04 | 0.35 | 0.39 | 35.0 | 51,773 | 51,808 | 12.3 | 1.25 | 15.2 | 52,504 |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 0.29 | 0.28 | 0.38 | 0.66 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | 5.80 | 8,572 | 8,577 | 2.03 | 0.21 | 2.51 | 8,693 |

## 2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.17 | 0.14 | 1.97 | 3.29 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,508 | 2,508 | 0.03 | 0.28 | 4.97 | 2,598 |
| Area | 1.62 | 1.59 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 49,329 | 49,329 | 7.98 | 0.97 | — | 49,817 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.79 | 1.73 | 1.99 | 5.60 | 0.02 | 0.04 | 1.37 | 1.41 | 0.04 | 0.35 | 0.39 | 35.0 | 51,852 | 51,887 | 12.3 | 1.25 | 18.0 | 52,584 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mobile | 0.16 | 0.13 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,407 | 2,407 | 0.03 | 0.28 | 0.13 | 2,492 |
| Area | 1.21 | 1.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 49,329 | 49,329 | 7.98 | 0.97 | — | 49,817 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.36 | 1.33 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | 35.0 | 51,740 | 51,775 | 12.3 | 1.25 | 13.2 | 52,469 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.16 | 0.13 | 2.08 | 2.47 | 0.02 | 0.04 | 1.36 | 1.39 | 0.03 | 0.35 | 0.39 | — | 2,435 | 2,435 | 0.03 | 0.28 | 2.15 | 2,522 |
| Area | 1.41 | 1.39 | 0.01 | 1.14 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.69 | 4.69 | < 0.005 | < 0.005 | — | 4.71 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 49,329 | 49,329 | 7.98 | 0.97 | — | 49,817 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.57 | 1.52 | 2.08 | 3.61 | 0.02 | 0.04 | 1.36 | 1.40 | 0.04 | 0.35 | 0.39 | 35.0 | 51,773 | 51,808 | 12.3 | 1.25 | 15.2 | 52,504 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.03 | 0.02 | 0.38 | 0.45 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | — | 403 | 403 | < 0.005 | 0.05 | 0.36 | 417 |
| Area | 0.26 | 0.25 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 8,167 | 8,167 | 1.32 | 0.16 | — | 8,248 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.72 | 0.72 | 0.13 | < 0.005 | — | 4.08 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 5.80 | 0.00 | 5.80 | 0.58 | 0.00 | — | 20.3 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.16 | 2.16 |
| Total | 0.29 | 0.28 | 0.38 | 0.66 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | 5.80 | 8,572 | 8,577 | 2.03 | 0.21 | 2.51 | 8,693 |

## 2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.17 | 0.14 | 1.97 | 3.29 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,508 | 2,508 | 0.03 | 0.28 | 4.97 | 2,598 |
| Area | 1.62 | 1.59 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 49,329 | 49,329 | 7.98 | 0.97 | — | 49,817 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.79 | 1.73 | 1.99 | 5.60 | 0.02 | 0.04 | 1.37 | 1.41 | 0.04 | 0.35 | 0.39 | 35.0 | 51,852 | 51,887 | 12.3 | 1.25 | 18.0 | 52,584 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.16 | 0.13 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,407 | 2,407 | 0.03 | 0.28 | 0.13 | 2,492 |
| Area | 1.21 | 1.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 49,329 | 49,329 | 7.98 | 0.97 | — | 49,817 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.36 | 1.33 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | 35.0 | 51,740 | 51,775 | 12.3 | 1.25 | 13.2 | 52,469 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.16 | 0.13 | 2.08 | 2.47 | 0.02 | 0.04 | 1.36 | 1.39 | 0.03 | 0.35 | 0.39 | — | 2,435 | 2,435 | 0.03 | 0.28 | 2.15 | 2,522 |
| Area | 1.41 | 1.39 | 0.01 | 1.14 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.69 | 4.69 | < 0.005 | < 0.005 | — | 4.71 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 49,329 | 49,329 | 7.98 | 0.97 | — | 49,817 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.57 | 1.52 | 2.08 | 3.61 | 0.02 | 0.04 | 1.36 | 1.40 | 0.04 | 0.35 | 0.39 | 35.0 | 51,773 | 51,808 | 12.3 | 1.25 | 15.2 | 52,504 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mobile | 0.03 | 0.02 | 0.38 | 0.45 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | — | 403 | 403 | < 0.005 | 0.05 | 0.36 | 417 |
| Area | 0.26 | 0.25 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 8,167 | 8,167 | 1.32 | 0.16 | — | 8,248 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.72 | 0.72 | 0.13 | < 0.005 | — | 4.08 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 5.80 | 0.00 | 5.80 | 0.58 | 0.00 | — | 20.3 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.16 | 2.16 |
| Total | 0.29 | 0.28 | 0.38 | 0.66 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | 5.80 | 8,572 | 8,577 | 2.03 | 0.21 | 2.51 | 8,693 |

# 3. Construction Emissions Details

## 3.1. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 9.87 | 8.29 | 68.1 | 48.1 | 0.13 | 3.48 | — | 3.48 | 3.20 | — | 3.20 | — | 13,697 | 13,697 | 0.56 | 0.11 | — | 13,744 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | 9.87 | 8.29 | 68.1 | 48.1 | 0.13 | 3.48 | — | 3.48 | 3.20 | — | 3.20 | — | 13,697 | 13,697 | 0.56 | 0.11 | — | 13,744 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.55 | 2.98 | 24.5 | 17.3 | 0.05 | 1.25 | — | 1.25 | 1.15 | — | 1.15 | — | 4,932 | 4,932 | 0.20 | 0.04 | — | 4,949 |
| Dust From Material Movement | — | — | — | — | — | — | 0.34 | 0.34 | — | 0.04 | 0.04 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.65 | 0.54 | 4.48 | 3.16 | 0.01 | 0.23 | — | 0.23 | 0.21 | — | 0.21 | — | 817 | 817 | 0.03 | 0.01 | — | 819 |
| Dust From Material Movement | — | — | — | — | — | — | 0.06 | 0.06 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | 2.75 | 2.51 | 2.30 | 41.7 | 0.00 | 0.00 | 6.79 | 6.79 | 0.00 | 1.59 | 1.59 | — | 7,489 | 7,489 | 0.31 | 0.26 | 26.9 | 7,601 |
| Vendor | 0.30 | 0.22 | 7.34 | 2.73 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,836 | 5,836 | 0.07 | 0.86 | 15.8 | 6,111 |
| Hauling | 0.18 | 0.08 | 7.84 | 1.09 | 0.05 | 0.15 | 68.4 | 68.6 | 0.15 | 7.17 | 7.32 | — | 7,609 | 7,609 | 0.05 | 1.20 | 19.0 | 7,987 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.46 | 2.19 | 2.79 | 28.5 | 0.00 | 0.00 | 6.79 | 6.79 | 0.00 | 1.59 | 1.59 | — | 6,567 | 6,567 | 0.13 | 0.26 | 0.70 | 6,649 |
| Vendor | 0.28 | 0.20 | 7.86 | 2.80 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,843 | 5,843 | 0.07 | 0.86 | 0.41 | 6,103 |
| Hauling | 0.18 | 0.07 | 8.42 | 1.10 | 0.05 | 0.15 | 68.4 | 68.6 | 0.15 | 7.17 | 7.32 | — | 7,611 | 7,611 | 0.05 | 1.20 | 0.49 | 7,970 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.90 | 0.80 | 0.91 | 11.2 | 0.00 | 0.00 | 2.42 | 2.42 | 0.00 | 0.57 | 0.57 | — | 2,457 | 2,457 | 0.04 | 0.09 | 4.18 | 2,490 |
| Vendor | 0.10 | 0.08 | 2.77 | 1.00 | 0.01 | 0.03 | 19.5 | 19.5 | 0.03 | 2.03 | 2.06 | — | 2,103 | 2,103 | 0.02 | 0.31 | 2.47 | 2,198 |
| Hauling | 0.07 | 0.03 | 2.97 | 0.39 | 0.02 | 0.05 | 23.6 | 23.6 | 0.05 | 2.48 | 2.53 | — | 2,740 | 2,740 | 0.02 | 0.43 | 2.95 | 2,872 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.16 | 0.15 | 0.17 | 2.04 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.10 | 0.10 | — | 407 | 407 | 0.01 | 0.02 | 0.69 | 412 |
| Vendor | 0.02 | 0.01 | 0.51 | 0.18 | < 0.005 | 0.01 | 3.55 | 3.56 | 0.01 | 0.37 | 0.38 | — | 348 | 348 | < 0.005 | 0.05 | 0.41 | 364 |
| Hauling | 0.01 | 0.01 | 0.54 | 0.07 | < 0.005 | 0.01 | 4.30 | 4.31 | 0.01 | 0.45 | 0.46 | — | 454 | 454 | < 0.005 | 0.07 | 0.49 | 476 |

## 3.2. Site Preparation (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.27 | 1.27 | 6.59 | 72.1 | 0.12 | 0.25 | — | 0.25 | 0.25 | — | 0.25 | — | 13,375 | 13,375 | 0.54 | 0.11 | — | 13,421 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.27 | 1.27 | 6.59 | 72.1 | 0.12 | 0.25 | — | 0.25 | 0.25 | — | 0.25 | — | 13,375 | 13,375 | 0.54 | 0.11 | — | 13,421 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.46 | 0.46 | 2.37 | 25.9 | 0.04 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 4,816 | 4,816 | 0.20 | 0.04 | — | 4,833 |
| Dust From Material Movement | — | — | — | — | — | — | 0.34 | 0.34 | — | 0.04 | 0.04 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.08 | 0.43 | 4.74 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 797 | 797 | 0.03 | 0.01 | — | 800 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dust From Material Movement | — | — | — | — | — | — | 0.06 | 0.06 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.75 | 2.51 | 2.30 | 41.7 | 0.00 | 0.00 | 6.79 | 6.79 | 0.00 | 1.59 | 1.59 | — | 7,489 | 7,489 | 0.31 | 0.26 | 26.9 | 7,601 |
| Vendor | 0.30 | 0.22 | 7.34 | 2.73 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,836 | 5,836 | 0.07 | 0.86 | 15.8 | 6,111 |
| Hauling | 0.18 | 0.08 | 7.84 | 1.09 | 0.05 | 0.15 | 68.4 | 68.6 | 0.15 | 7.17 | 7.32 | — | 7,609 | 7,609 | 0.05 | 1.20 | 19.0 | 7,987 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.46 | 2.19 | 2.79 | 28.5 | 0.00 | 0.00 | 6.79 | 6.79 | 0.00 | 1.59 | 1.59 | — | 6,567 | 6,567 | 0.13 | 0.26 | 0.70 | 6,649 |
| Vendor | 0.28 | 0.20 | 7.86 | 2.80 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,843 | 5,843 | 0.07 | 0.86 | 0.41 | 6,103 |
| Hauling | 0.18 | 0.07 | 8.42 | 1.10 | 0.05 | 0.15 | 68.4 | 68.6 | 0.15 | 7.17 | 7.32 | — | 7,611 | 7,611 | 0.05 | 1.20 | 0.49 | 7,970 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.90 | 0.80 | 0.91 | 11.2 | 0.00 | 0.00 | 2.42 | 2.42 | 0.00 | 0.57 | 0.57 | — | 2,457 | 2,457 | 0.04 | 0.09 | 4.18 | 2,490 |
| Vendor | 0.10 | 0.08 | 2.77 | 1.00 | 0.01 | 0.03 | 19.5 | 19.5 | 0.03 | 2.03 | 2.06 | — | 2,103 | 2,103 | 0.02 | 0.31 | 2.47 | 2,198 |
| Hauling | 0.07 | 0.03 | 2.97 | 0.39 | 0.02 | 0.05 | 23.6 | 23.6 | 0.05 | 2.48 | 2.53 | — | 2,740 | 2,740 | 0.02 | 0.43 | 2.95 | 2,872 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.16 | 0.15 | 0.17 | 2.04 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.10 | 0.10 | — | 407 | 407 | 0.01 | 0.02 | 0.69 | 412 |
| Vendor | 0.02 | 0.01 | 0.51 | 0.18 | < 0.005 | 0.01 | 3.55 | 3.56 | 0.01 | 0.37 | 0.38 | — | 348 | 348 | < 0.005 | 0.05 | 0.41 | 364 |
| Hauling | 0.01 | 0.01 | 0.54 | 0.07 | < 0.005 | 0.01 | 4.30 | 4.31 | 0.01 | 0.45 | 0.46 | — | 454 | 454 | < 0.005 | 0.07 | 0.49 | 476 |

## 3.3. Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 9.67 | 8.12 | 64.3 | 48.0 | 0.13 | 3.35 | — | 3.35 | 3.08 | — | 3.08 | — | 13,702 | 13,702 | 0.56 | 0.11 | — | 13,749 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 9.67 | 8.12 | 64.3 | 48.0 | 0.13 | 3.35 | — | 3.35 | 3.08 | — | 3.08 | — | 13,702 | 13,702 | 0.56 | 0.11 | — | 13,749 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.27 | 1.91 | 15.1 | 11.3 | 0.03 | 0.79 | — | 0.79 | 0.72 | — | 0.72 | — | 3,218 | 3,218 | 0.13 | 0.03 | — | 3,229 |
| Dust From Material Movement | — | — | — | — | — | — | 0.22 | 0.22 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.41 | 0.35 | 2.76 | 2.06 | 0.01 | 0.14 | — | 0.14 | 0.13 | — | 0.13 | — | 533 | 533 | 0.02 | < 0.005 | — | 535 |
| Dust From Material Movement | — | — | — | — | — | — | 0.04 | 0.04 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.58 | 2.33 | 2.06 | 38.4 | 0.00 | 0.00 | 6.79 | 6.79 | 0.00 | 1.59 | 1.59 | — | 7,329 | 7,329 | 0.08 | 0.25 | 24.2 | 7,429 |
| Vendor | 0.30 | 0.22 | 7.07 | 2.59 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,722 | 5,722 | 0.07 | 0.82 | 14.6 | 5,983 |
| Hauling | 0.18 | 0.08 | 7.64 | 1.04 | 0.05 | 0.15 | 68.4 | 68.6 | 0.15 | 7.17 | 7.32 | — | 7,455 | 7,455 | 0.05 | 1.20 | 18.0 | 7,831 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.33 | 2.06 | 2.54 | 26.1 | 0.00 | 0.00 | 6.79 | 6.79 | 0.00 | 1.59 | 1.59 | — | 6,430 | 6,430 | 0.12 | 0.26 | 0.63 | 6,510 |
| Vendor | 0.28 | 0.20 | 7.55 | 2.69 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,729 | 5,729 | 0.07 | 0.82 | 0.38 | 5,976 |
| Hauling | 0.18 | 0.07 | 8.17 | 1.05 | 0.05 | 0.15 | 68.4 | 68.6 | 0.15 | 7.17 | 7.32 | — | 7,457 | 7,457 | 0.05 | 1.20 | 0.47 | 7,815 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.56 | 0.49 | 0.54 | 6.71 | 0.00 | 0.00 | 1.58 | 1.58 | 0.00 | 0.37 | 0.37 | — | 1,569 | 1,569 | 0.02 | 0.06 | 2.46 | 1,590 |
| Vendor | 0.07 | 0.05 | 1.73 | 0.62 | 0.01 | 0.02 | 12.7 | 12.7 | 0.02 | 1.33 | 1.35 | — | 1,344 | 1,344 | 0.02 | 0.19 | 1.48 | 1,404 |
| Hauling | 0.04 | 0.02 | 1.88 | 0.24 | 0.01 | 0.03 | 15.4 | 15.4 | 0.03 | 1.61 | 1.65 | — | 1,751 | 1,751 | 0.01 | 0.28 | 1.83 | 1,837 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.10 | 0.09 | 0.10 | 1.22 | 0.00 | 0.00 | 0.29 | 0.29 | 0.00 | 0.07 | 0.07 | — | 260 | 260 | < 0.005 | 0.01 | 0.41 | 263 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.01 | 0.01 | 0.32 | 0.11 | < 0.005 | < 0.005 | 2.32 | 2.32 | < 0.005 | 0.24 | 0.25 | — | 223 | 223 | < 0.005 | 0.03 | 0.25 | 232 |
| Hauling | 0.01 | < 0.005 | 0.34 | 0.04 | < 0.005 | 0.01 | 2.81 | 2.81 | 0.01 | 0.29 | 0.30 | — | 290 | 290 | < 0.005 | 0.05 | 0.30 | 304 |

## 3.4. Site Preparation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.27 | 1.27 | 6.59 | 72.1 | 0.12 | 0.25 | — | 0.25 | 0.25 | — | 0.25 | — | 13,380 | 13,380 | 0.54 | 0.11 | — | 13,426 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.27 | 1.27 | 6.59 | 72.1 | 0.12 | 0.25 | — | 0.25 | 0.25 | — | 0.25 | — | 13,380 | 13,380 | 0.54 | 0.11 | — | 13,426 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 0.30 | 0.30 | 1.55 | 16.9 | 0.03 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 3,142 | 3,142 | 0.13 | 0.03 | — | 3,153 |
| Dust From Material Movement | — | — | — | — | — | — | 0.22 | 0.22 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Roa d Equipm ent | 0.05 | 0.05 | 0.28 | 3.09 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 520 | 520 | 0.02 | < 0.005 | — | 522 |
| Dust From Material Movement | — | — | — | — | — | — | 0.04 | 0.04 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.58 | 2.33 | 2.06 | 38.4 | 0.00 | 0.00 | 6.79 | 6.79 | 0.00 | 1.59 | 1.59 | — | 7,329 | 7,329 | 0.08 | 0.25 | 24.2 | 7,429 |
| Vendor | 0.30 | 0.22 | 7.07 | 2.59 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,722 | 5,722 | 0.07 | 0.82 | 14.6 | 5,983 |
| Hauling | 0.18 | 0.08 | 7.64 | 1.04 | 0.05 | 0.15 | 68.4 | 68.6 | 0.15 | 7.17 | 7.32 | — | 7,455 | 7,455 | 0.05 | 1.20 | 18.0 | 7,831 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.33 | 2.06 | 2.54 | 26.1 | 0.00 | 0.00 | 6.79 | 6.79 | 0.00 | 1.59 | 1.59 | — | 6,430 | 6,430 | 0.12 | 0.26 | 0.63 | 6,510 |
| Vendor | 0.28 | 0.20 | 7.55 | 2.69 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,729 | 5,729 | 0.07 | 0.82 | 0.38 | 5,976 |
| Hauling | 0.18 | 0.07 | 8.17 | 1.05 | 0.05 | 0.15 | 68.4 | 68.6 | 0.15 | 7.17 | 7.32 | — | 7,457 | 7,457 | 0.05 | 1.20 | 0.47 | 7,815 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.56 | 0.49 | 0.54 | 6.71 | 0.00 | 0.00 | 1.58 | 1.58 | 0.00 | 0.37 | 0.37 | — | 1,569 | 1,569 | 0.02 | 0.06 | 2.46 | 1,590 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.07 | 0.05 | 1.73 | 0.62 | 0.01 | 0.02 | 12.7 | 12.7 | 0.02 | 1.33 | 1.35 | — | 1,344 | 1,344 | 0.02 | 0.19 | 1.48 | 1,404 |
| Hauling | 0.04 | 0.02 | 1.88 | 0.24 | 0.01 | 0.03 | 15.4 | 15.4 | 0.03 | 1.61 | 1.65 | — | 1,751 | 1,751 | 0.01 | 0.28 | 1.83 | 1,837 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.10 | 0.09 | 0.10 | 1.22 | 0.00 | 0.00 | 0.29 | 0.29 | 0.00 | 0.07 | 0.07 | — | 260 | 260 | < 0.005 | 0.01 | 0.41 | 263 |
| Vendor | 0.01 | 0.01 | 0.32 | 0.11 | < 0.005 | < 0.005 | 2.32 | 2.32 | < 0.005 | 0.24 | 0.25 | — | 223 | 223 | < 0.005 | 0.03 | 0.25 | 232 |
| Hauling | 0.01 | < 0.005 | 0.34 | 0.04 | < 0.005 | 0.01 | 2.81 | 2.81 | 0.01 | 0.29 | 0.30 | — | 290 | 290 | < 0.005 | 0.05 | 0.30 | 304 |

## 3.5. Tracker Foundations (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 16.2 | 13.6 | 107 | 99.7 | 0.17 | 6.16 | — | 6.16 | 5.67 | — | 5.67 | — | 18,055 | 18,055 | 0.73 | 0.15 | — | 18,117 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 16.2 | 13.6 | 107 | 99.7 | 0.17 | 6.16 | — | 6.16 | 5.67 | — | 5.67 | — | 18,055 | 18,055 | 0.73 | 0.15 | — | 18,117 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | 8.26 | 6.93 | 54.4 | 50.9 | 0.09 | 3.15 | — | 3.15 | 2.90 | — | 2.90 | — | 9,222 | 9,222 | 0.37 | 0.07 | — | 9,253 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.51 | 1.27 | 9.93 | 9.29 | 0.02 | 0.57 | — | 0.57 | 0.53 | — | 0.53 | — | 1,527 | 1,527 | 0.06 | 0.01 | — | 1,532 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 6.44 | 5.82 | 5.15 | 95.9 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 18,310 | 18,310 | 0.21 | 0.62 | 60.4 | 18,560 |
| Vendor | 0.30 | 0.22 | 7.07 | 2.59 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,722 | 5,722 | 0.07 | 0.82 | 14.6 | 5,983 |
| Hauling | 0.40 | 0.17 | 16.6 | 2.26 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 16,225 | 16,225 | 0.12 | 2.61 | 39.3 | 17,044 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 5.82 | 5.15 | 6.35 | 65.2 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 16,062 | 16,062 | 0.29 | 0.65 | 1.57 | 16,264 |
| Vendor | 0.28 | 0.20 | 7.55 | 2.69 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,729 | 5,729 | 0.07 | 0.82 | 0.38 | 5,976 |
| Hauling | 0.39 | 0.16 | 17.8 | 2.29 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 16,229 | 16,229 | 0.12 | 2.61 | 1.02 | 17,009 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 3.02 | 2.67 | 2.93 | 36.4 | 0.00 | 0.00 | 8.58 | 8.58 | 0.00 | 2.01 | 2.01 | — | 8,522 | 8,522 | 0.14 | 0.33 | 13.3 | 8,638 |
| Vendor | 0.15 | 0.11 | 3.77 | 1.34 | 0.02 | 0.04 | 27.6 | 27.6 | 0.04 | 2.89 | 2.93 | — | 2,924 | 2,924 | 0.04 | 0.42 | 3.23 | 3,053 |
| Hauling | 0.20 | 0.08 | 8.90 | 1.16 | 0.06 | 0.16 | 72.8 | 73.0 | 0.16 | 7.64 | 7.81 | — | 8,288 | 8,288 | 0.06 | 1.33 | 8.65 | 8,695 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.55 | 0.49 | 0.53 | 6.65 | 0.00 | 0.00 | 1.56 | 1.56 | 0.00 | 0.37 | 0.37 | — | 1,411 | 1,411 | 0.02 | 0.05 | 2.21 | 1,430 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.03 | 0.02 | 0.69 | 0.25 | < 0.005 | 0.01 | 5.04 | 5.04 | 0.01 | 0.53 | 0.53 | — | 484 | 484 | 0.01 | 0.07 | 0.53 | 506 |
| Hauling | 0.04 | 0.02 | 1.62 | 0.21 | 0.01 | 0.03 | 13.3 | 13.3 | 0.03 | 1.40 | 1.43 | — | 1,372 | 1,372 | 0.01 | 0.22 | 1.43 | 1,440 |

## 3.6. Tracker Foundations (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.78 | 1.78 | 15.2 | 113 | 0.17 | 0.34 | — | 0.34 | 0.34 | — | 0.34 | — | 17,815 | 17,815 | 0.72 | 0.14 | — | 17,876 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.78 | 1.78 | 15.2 | 113 | 0.17 | 0.34 | — | 0.34 | 0.34 | — | 0.34 | — | 17,815 | 17,815 | 0.72 | 0.14 | — | 17,876 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.91 | 0.91 | 7.76 | 57.9 | 0.09 | 0.17 | — | 0.17 | 0.17 | — | 0.17 | — | 9,099 | 9,099 | 0.37 | 0.07 | — | 9,130 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 0.17 | 0.17 | 1.42 | 10.6 | 0.02 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 1,506 | 1,506 | 0.06 | 0.01 | — | 1,512 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 6.44 | 5.82 | 5.15 | 95.9 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 18,310 | 18,310 | 0.21 | 0.62 | 60.4 | 18,560 |
| Vendor | 0.30 | 0.22 | 7.07 | 2.59 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,722 | 5,722 | 0.07 | 0.82 | 14.6 | 5,983 |
| Hauling | 0.40 | 0.17 | 16.6 | 2.26 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 16,225 | 16,225 | 0.12 | 2.61 | 39.3 | 17,044 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 5.82 | 5.15 | 6.35 | 65.2 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 16,062 | 16,062 | 0.29 | 0.65 | 1.57 | 16,264 |
| Vendor | 0.28 | 0.20 | 7.55 | 2.69 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,729 | 5,729 | 0.07 | 0.82 | 0.38 | 5,976 |
| Hauling | 0.39 | 0.16 | 17.8 | 2.29 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 16,229 | 16,229 | 0.12 | 2.61 | 1.02 | 17,009 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 3.02 | 2.67 | 2.93 | 36.4 | 0.00 | 0.00 | 8.58 | 8.58 | 0.00 | 2.01 | 2.01 | — | 8,522 | 8,522 | 0.14 | 0.33 | 13.3 | 8,638 |
| Vendor | 0.15 | 0.11 | 3.77 | 1.34 | 0.02 | 0.04 | 27.6 | 27.6 | 0.04 | 2.89 | 2.93 | — | 2,924 | 2,924 | 0.04 | 0.42 | 3.23 | 3,053 |
| Hauling | 0.20 | 0.08 | 8.90 | 1.16 | 0.06 | 0.16 | 72.8 | 73.0 | 0.16 | 7.64 | 7.81 | — | 8,288 | 8,288 | 0.06 | 1.33 | 8.65 | 8,695 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.55 | 0.49 | 0.53 | 6.65 | 0.00 | 0.00 | 1.56 | 1.56 | 0.00 | 0.37 | 0.37 | — | 1,411 | 1,411 | 0.02 | 0.05 | 2.21 | 1,430 |
| Vendor | 0.03 | 0.02 | 0.69 | 0.25 | < 0.005 | 0.01 | 5.04 | 5.04 | 0.01 | 0.53 | 0.53 | — | 484 | 484 | 0.01 | 0.07 | 0.53 | 506 |
| Hauling | 0.04 | 0.02 | 1.62 | 0.21 | 0.01 | 0.03 | 13.3 | 13.3 | 0.03 | 1.40 | 1.43 | — | 1,372 | 1,372 | 0.01 | 0.22 | 1.43 | 1,440 |

## 3.7. Tracker Foundations (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 15.9 | 13.3 | 103 | 99.5 | 0.17 | 5.97 | — | 5.97 | 5.50 | — | 5.50 | — | 18,055 | 18,055 | 0.73 | 0.15 | — | 18,117 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.77 | 2.32 | 17.9 | 17.3 | 0.03 | 1.04 | — | 1.04 | 0.96 | — | 0.96 | — | 3,145 | 3,145 | 0.13 | 0.03 | — | 3,155 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.51 | 0.42 | 3.27 | 3.16 | 0.01 | 0.19 | — | 0.19 | 0.17 | — | 0.17 | — | 521 | 521 | 0.02 | < 0.005 | — | 522 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 5.06 | 4.91 | 5.76 | 59.9 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 15,743 | 15,743 | 0.26 | 0.65 | 1.41 | 15,944 |
| Vendor | 0.28 | 0.20 | 7.28 | 2.59 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,601 | 5,601 | 0.07 | 0.82 | 0.34 | 5,848 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hauling | 0.39 | 0.16 | 17.4 | 2.18 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 15,854 | 15,854 | 0.12 | 2.50 | 0.94 | 16,602 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.89 | 0.87 | 0.90 | 11.4 | 0.00 | 0.00 | 2.92 | 2.92 | 0.00 | 0.68 | 0.68 | — | 2,848 | 2,848 | 0.04 | 0.11 | 4.07 | 2,885 |
| Vendor | 0.05 | 0.04 | 1.24 | 0.44 | 0.01 | 0.01 | 9.41 | 9.42 | 0.01 | 0.98 | 1.00 | — | 975 | 975 | 0.01 | 0.14 | 0.99 | 1,019 |
| Hauling | 0.07 | 0.03 | 2.96 | 0.38 | 0.02 | 0.06 | 24.8 | 24.9 | 0.06 | 2.61 | 2.66 | — | 2,761 | 2,761 | 0.02 | 0.44 | 2.74 | 2,894 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.16 | 0.16 | 0.16 | 2.09 | 0.00 | 0.00 | 0.53 | 0.53 | 0.00 | 0.12 | 0.12 | — | 472 | 472 | 0.01 | 0.02 | 0.67 | 478 |
| Vendor | 0.01 | 0.01 | 0.23 | 0.08 | < 0.005 | < 0.005 | 1.72 | 1.72 | < 0.005 | 0.18 | 0.18 | — | 161 | 161 | < 0.005 | 0.02 | 0.16 | 169 |
| Hauling | 0.01 | 0.01 | 0.54 | 0.07 | < 0.005 | 0.01 | 4.53 | 4.54 | 0.01 | 0.48 | 0.49 | — | 457 | 457 | < 0.005 | 0.07 | 0.45 | 479 |

## 3.8. Tracker Foundations (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.78 | 1.78 | 15.2 | 113 | 0.17 | 0.34 | — | 0.34 | 0.34 | — | 0.34 | — | 17,815 | 17,815 | 0.72 | 0.14 | — | 17,876 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.31 | 0.31 | 2.65 | 19.7 | 0.03 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 3,103 | 3,103 | 0.13 | 0.03 | — | 3,113 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.06 | 0.06 | 0.48 | 3.60 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 514 | 514 | 0.02 | < 0.005 | — | 515 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 5.06 | 4.91 | 5.76 | 59.9 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 15,743 | 15,743 | 0.26 | 0.65 | 1.41 | 15,944 |
| Vendor | 0.28 | 0.20 | 7.28 | 2.59 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,601 | 5,601 | 0.07 | 0.82 | 0.34 | 5,848 |
| Hauling | 0.39 | 0.16 | 17.4 | 2.18 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 15,854 | 15,854 | 0.12 | 2.50 | 0.94 | 16,602 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.89 | 0.87 | 0.90 | 11.4 | 0.00 | 0.00 | 2.92 | 2.92 | 0.00 | 0.68 | 0.68 | — | 2,848 | 2,848 | 0.04 | 0.11 | 4.07 | 2,885 |
| Vendor | 0.05 | 0.04 | 1.24 | 0.44 | 0.01 | 0.01 | 9.41 | 9.42 | 0.01 | 0.98 | 1.00 | — | 975 | 975 | 0.01 | 0.14 | 0.99 | 1,019 |
| Hauling | 0.07 | 0.03 | 2.96 | 0.38 | 0.02 | 0.06 | 24.8 | 24.9 | 0.06 | 2.61 | 2.66 | — | 2,761 | 2,761 | 0.02 | 0.44 | 2.74 | 2,894 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.16 | 0.16 | 0.16 | 2.09 | 0.00 | 0.00 | 0.53 | 0.53 | 0.00 | 0.12 | 0.12 | — | 472 | 472 | 0.01 | 0.02 | 0.67 | 478 |
| Vendor | 0.01 | 0.01 | 0.23 | 0.08 | < 0.005 | < 0.005 | 1.72 | 1.72 | < 0.005 | 0.18 | 0.18 | — | 161 | 161 | < 0.005 | 0.02 | 0.16 | 169 |
| Hauling | 0.01 | 0.01 | 0.54 | 0.07 | < 0.005 | 0.01 | 4.53 | 4.54 | 0.01 | 0.48 | 0.49 | — | 457 | 457 | < 0.005 | 0.07 | 0.45 | 479 |

## 3.9. Electrical Installation (2029) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.18 | 5.18 | 32.4 | 48.7 | 0.14 | 1.32 | — | 1.32 | 1.21 | — | 1.21 | — | 15,060 | 15,060 | 0.61 | 0.12 | — | 15,111 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.18 | 5.18 | 32.4 | 48.7 | 0.14 | 1.32 | — | 1.32 | 1.21 | — | 1.21 | — | 15,060 | 15,060 | 0.61 | 0.12 | — | 15,111 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.62 | 3.03 | 19.0 | 28.5 | 0.08 | 0.77 | — | 0.77 | 0.71 | — | 0.71 | — | 8,812 | 8,812 | 0.36 | 0.07 | — | 8,842 |
| Architectural Coatings | 0.43 | 0.43 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.66 | 0.55 | 3.46 | 5.20 | 0.02 | 0.14 | — | 0.14 | 0.13 | — | 0.13 | — | 1,459 | 1,459 | 0.06 | 0.01 | — | 1,464 |
| Architectural Coatings | 0.08 | 0.08 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 5.06 | 4.44 | 3.94 | 76.5 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 17,266 | 17,266 | 0.18 | 0.62 | 43.0 | 17,498 |
| Vendor | 0.24 | 0.17 | 6.31 | 2.33 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,293 | 5,293 | 0.07 | 0.78 | 10.2 | 5,538 |
| Hauling | 0.29 | 0.17 | 15.3 | 2.04 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 15,047 | 15,047 | 0.12 | 2.39 | 30.6 | 15,792 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.56 | 3.91 | 4.59 | 51.7 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 15,161 | 15,161 | 0.24 | 0.62 | 1.11 | 15,352 |
| Vendor | 0.23 | 0.15 | 6.76 | 2.42 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,300 | 5,300 | 0.07 | 0.78 | 0.27 | 5,535 |
| Hauling | 0.28 | 0.16 | 16.5 | 2.07 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 15,051 | 15,051 | 0.12 | 2.39 | 0.79 | 15,767 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.68 | 2.32 | 2.32 | 33.3 | 0.00 | 0.00 | 9.82 | 9.82 | 0.00 | 2.30 | 2.30 | — | 9,213 | 9,213 | 0.12 | 0.36 | 10.9 | 9,335 |
| Vendor | 0.14 | 0.10 | 3.85 | 1.39 | 0.02 | 0.05 | 31.6 | 31.7 | 0.05 | 3.31 | 3.35 | — | 3,099 | 3,099 | 0.04 | 0.46 | 2.59 | 3,239 |
| Hauling | 0.17 | 0.10 | 9.42 | 1.20 | 0.06 | 0.19 | 83.4 | 83.6 | 0.19 | 8.76 | 8.95 | — | 8,805 | 8,805 | 0.07 | 1.40 | 7.75 | 9,231 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.49 | 0.42 | 0.42 | 6.07 | 0.00 | 0.00 | 1.79 | 1.79 | 0.00 | 0.42 | 0.42 | — | 1,525 | 1,525 | 0.02 | 0.06 | 1.80 | 1,545 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.03 | 0.02 | 0.70 | 0.25 | < 0.005 | 0.01 | 5.77 | 5.78 | 0.01 | 0.60 | 0.61 | — | 513 | 513 | 0.01 | 0.08 | 0.43 | 536 |
| Hauling | 0.03 | 0.02 | 1.72 | 0.22 | 0.01 | 0.03 | 15.2 | 15.3 | 0.03 | 1.60 | 1.63 | — | 1,458 | 1,458 | 0.01 | 0.23 | 1.28 | 1,528 |

## 3.10. Electrical Installation (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.36 | 7.05 | 76.7 | 0.13 | 0.27 | — | 0.27 | 0.27 | — | 0.27 | — | 14,339 | 14,339 | 0.58 | 0.12 | — | 14,389 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.36 | 7.05 | 76.7 | 0.13 | 0.27 | — | 0.27 | 0.27 | — | 0.27 | — | 14,339 | 14,339 | 0.58 | 0.12 | — | 14,389 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 0.79 | 0.79 | 4.13 | 44.9 | 0.08 | 0.16 | — | 0.16 | 0.16 | — | 0.16 | — | 8,390 | 8,390 | 0.34 | 0.07 | — | 8,419 |
| Architectural Coatings | 0.43 | 0.43 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.14 | 0.14 | 0.75 | 8.19 | 0.01 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 1,389 | 1,389 | 0.06 | 0.01 | — | 1,394 |
| Architectural Coatings | 0.08 | 0.08 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 5.06 | 4.44 | 3.94 | 76.5 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 17,266 | 17,266 | 0.18 | 0.62 | 43.0 | 17,498 |
| Vendor | 0.24 | 0.17 | 6.31 | 2.33 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,293 | 5,293 | 0.07 | 0.78 | 10.2 | 5,538 |
| Hauling | 0.29 | 0.17 | 15.3 | 2.04 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 15,047 | 15,047 | 0.12 | 2.39 | 30.6 | 15,792 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.56 | 3.91 | 4.59 | 51.7 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 15,161 | 15,161 | 0.24 | 0.62 | 1.11 | 15,352 |
| Vendor | 0.23 | 0.15 | 6.76 | 2.42 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,300 | 5,300 | 0.07 | 0.78 | 0.27 | 5,535 |
| Hauling | 0.28 | 0.16 | 16.5 | 2.07 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 15,051 | 15,051 | 0.12 | 2.39 | 0.79 | 15,767 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.68 | 2.32 | 2.32 | 33.3 | 0.00 | 0.00 | 9.82 | 9.82 | 0.00 | 2.30 | 2.30 | — | 9,213 | 9,213 | 0.12 | 0.36 | 10.9 | 9,335 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.14 | 0.10 | 3.85 | 1.39 | 0.02 | 0.05 | 31.6 | 31.7 | 0.05 | 3.31 | 3.35 | — | 3,099 | 3,099 | 0.04 | 0.46 | 2.59 | 3,239 |
| Hauling | 0.17 | 0.10 | 9.42 | 1.20 | 0.06 | 0.19 | 83.4 | 83.6 | 0.19 | 8.76 | 8.95 | — | 8,805 | 8,805 | 0.07 | 1.40 | 7.75 | 9,231 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.49 | 0.42 | 0.42 | 6.07 | 0.00 | 0.00 | 1.79 | 1.79 | 0.00 | 0.42 | 0.42 | — | 1,525 | 1,525 | 0.02 | 0.06 | 1.80 | 1,545 |
| Vendor | 0.03 | 0.02 | 0.70 | 0.25 | < 0.005 | 0.01 | 5.77 | 5.78 | 0.01 | 0.60 | 0.61 | — | 513 | 513 | 0.01 | 0.08 | 0.43 | 536 |
| Hauling | 0.03 | 0.02 | 1.72 | 0.22 | 0.01 | 0.03 | 15.2 | 15.3 | 0.03 | 1.60 | 1.63 | — | 1,458 | 1,458 | 0.01 | 0.23 | 1.28 | 1,528 |

## 3.11. Electrical Installation (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.05 | 5.07 | 31.0 | 48.5 | 0.14 | 1.26 | — | 1.26 | 1.16 | — | 1.16 | — | 15,060 | 15,060 | 0.61 | 0.12 | — | 15,111 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.05 | 5.07 | 31.0 | 48.5 | 0.14 | 1.26 | — | 1.26 | 1.16 | — | 1.16 | — | 15,060 | 15,060 | 0.61 | 0.12 | — | 15,111 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.00 | 1.68 | 10.3 | 16.1 | 0.05 | 0.42 | — | 0.42 | 0.38 | — | 0.38 | — | 4,981 | 4,981 | 0.20 | 0.04 | — | 4,998 |
| Architectural Coatings | 0.24 | 0.24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.37 | 0.31 | 1.87 | 2.93 | 0.01 | 0.08 | — | 0.08 | 0.07 | — | 0.07 | — | 825 | 825 | 0.03 | 0.01 | — | 827 |
| Architectural Coatings | 0.04 | 0.04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.76 | 4.18 | 3.35 | 71.2 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 16,946 | 16,946 | 0.18 | 0.09 | 38.0 | 17,014 |
| Vendor | 0.24 | 0.17 | 6.11 | 2.28 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,129 | 5,129 | 0.07 | 0.78 | 8.90 | 5,371 |
| Hauling | 0.29 | 0.17 | 15.0 | 2.04 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 14,655 | 14,655 | 0.12 | 2.28 | 27.9 | 15,366 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.35 | 3.71 | 4.00 | 48.2 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 14,883 | 14,883 | 0.24 | 0.62 | 0.98 | 15,074 |
| Vendor | 0.23 | 0.15 | 6.55 | 2.36 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,137 | 5,137 | 0.07 | 0.78 | 0.23 | 5,371 |
| Hauling | 0.28 | 0.16 | 16.0 | 2.07 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 14,659 | 14,659 | 0.12 | 2.28 | 0.72 | 15,342 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.45 | 1.24 | 1.30 | 17.5 | 0.00 | 0.00 | 5.55 | 5.55 | 0.00 | 1.30 | 1.30 | — | 5,112 | 5,112 | 0.07 | 0.20 | 5.43 | 5,180 |
| Vendor | 0.08 | 0.05 | 2.11 | 0.77 | 0.01 | 0.03 | 17.9 | 17.9 | 0.03 | 1.87 | 1.90 | — | 1,697 | 1,697 | 0.02 | 0.26 | 1.27 | 1,776 |
| Hauling | 0.10 | 0.05 | 5.18 | 0.68 | 0.04 | 0.11 | 47.1 | 47.2 | 0.11 | 4.95 | 5.06 | — | 4,847 | 4,847 | 0.04 | 0.75 | 3.98 | 5,077 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.26 | 0.23 | 0.24 | 3.20 | 0.00 | 0.00 | 1.01 | 1.01 | 0.00 | 0.24 | 0.24 | — | 846 | 846 | 0.01 | 0.03 | 0.90 | 858 |
| Vendor | 0.01 | 0.01 | 0.39 | 0.14 | < 0.005 | < 0.005 | 3.26 | 3.27 | < 0.005 | 0.34 | 0.35 | — | 281 | 281 | < 0.005 | 0.04 | 0.21 | 294 |
| Hauling | 0.02 | 0.01 | 0.95 | 0.12 | 0.01 | 0.02 | 8.60 | 8.62 | 0.02 | 0.90 | 0.92 | — | 803 | 803 | 0.01 | 0.12 | 0.66 | 841 |

## 3.12. Electrical Installation (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.36 | 7.05 | 76.7 | 0.13 | 0.27 | — | 0.27 | 0.27 | — | 0.27 | — | 14,339 | 14,339 | 0.58 | 0.12 | — | 14,389 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.36 | 7.05 | 76.7 | 0.13 | 0.27 | — | 0.27 | 0.27 | — | 0.27 | — | 14,339 | 14,339 | 0.58 | 0.12 | — | 14,389 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.45 | 0.45 | 2.33 | 25.4 | 0.04 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 4,742 | 4,742 | 0.19 | 0.04 | — | 4,759 |
| Architectural Coatings | 0.24 | 0.24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.08 | 0.43 | 4.63 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 785 | 785 | 0.03 | 0.01 | — | 788 |
| Architectural Coatings | 0.04 | 0.04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.76 | 4.18 | 3.35 | 71.2 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 16,946 | 16,946 | 0.18 | 0.09 | 38.0 | 17,014 |
| Vendor | 0.24 | 0.17 | 6.11 | 2.28 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,129 | 5,129 | 0.07 | 0.78 | 8.90 | 5,371 |
| Hauling | 0.29 | 0.17 | 15.0 | 2.04 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 14,655 | 14,655 | 0.12 | 2.28 | 27.9 | 15,366 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.35 | 3.71 | 4.00 | 48.2 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 14,883 | 14,883 | 0.24 | 0.62 | 0.98 | 15,074 |
| Vendor | 0.23 | 0.15 | 6.55 | 2.36 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,137 | 5,137 | 0.07 | 0.78 | 0.23 | 5,371 |
| Hauling | 0.28 | 0.16 | 16.0 | 2.07 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 14,659 | 14,659 | 0.12 | 2.28 | 0.72 | 15,342 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.45 | 1.24 | 1.30 | 17.5 | 0.00 | 0.00 | 5.55 | 5.55 | 0.00 | 1.30 | 1.30 | — | 5,112 | 5,112 | 0.07 | 0.20 | 5.43 | 5,180 |
| Vendor | 0.08 | 0.05 | 2.11 | 0.77 | 0.01 | 0.03 | 17.9 | 17.9 | 0.03 | 1.87 | 1.90 | — | 1,697 | 1,697 | 0.02 | 0.26 | 1.27 | 1,776 |
| Hauling | 0.10 | 0.05 | 5.18 | 0.68 | 0.04 | 0.11 | 47.1 | 47.2 | 0.11 | 4.95 | 5.06 | — | 4,847 | 4,847 | 0.04 | 0.75 | 3.98 | 5,077 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.26 | 0.23 | 0.24 | 3.20 | 0.00 | 0.00 | 1.01 | 1.01 | 0.00 | 0.24 | 0.24 | — | 846 | 846 | 0.01 | 0.03 | 0.90 | 858 |
| Vendor | 0.01 | 0.01 | 0.39 | 0.14 | < 0.005 | < 0.005 | 3.26 | 3.27 | < 0.005 | 0.34 | 0.35 | — | 281 | 281 | < 0.005 | 0.04 | 0.21 | 294 |
| Hauling | 0.02 | 0.01 | 0.95 | 0.12 | 0.01 | 0.02 | 8.60 | 8.62 | 0.02 | 0.90 | 0.92 | — | 803 | 803 | 0.01 | 0.12 | 0.66 | 841 |

## 3.13. Mechanical Installation (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road | 12.8 | 10.6 | 81.7 | 108 | 0.23 | 2.48 | — | 2.48 | 2.28 | — | 2.28 | — | 21,174 | 21,174 | 0.86 | 0.17 | — | 21,246 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 12.8 | 10.6 | 81.7 | 108 | 0.23 | 2.48 | — | 2.48 | 2.28 | — | 2.28 | — | 21,174 | 21,174 | 0.86 | 0.17 | — | 21,246 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 8.13 | 6.77 | 52.1 | 68.9 | 0.15 | 1.58 | — | 1.58 | 1.46 | — | 1.46 | — | 13,508 | 13,508 | 0.55 | 0.11 | — | 13,555 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.48 | 1.24 | 9.51 | 12.6 | 0.03 | 0.29 | — | 0.29 | 0.27 | — | 0.27 | — | 2,236 | 2,236 | 0.09 | 0.02 | — | 2,244 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 5.35 | 5.26 | 3.97 | 82.4 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 17,591 | 17,591 | 0.18 | 0.62 | 48.4 | 17,828 |
| Vendor | 0.29 | 0.17 | 6.56 | 2.38 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,449 | 5,449 | 0.07 | 0.82 | 11.7 | 5,707 |
| Hauling | 0.29 | 0.17 | 15.8 | 2.15 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 15,447 | 15,447 | 0.12 | 2.39 | 33.4 | 16,196 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.79 | 4.15 | 5.18 | 55.8 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 15,441 | 15,441 | 0.26 | 0.65 | 1.26 | 15,642 |
| Vendor | 0.27 | 0.16 | 7.05 | 2.48 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,456 | 5,456 | 0.07 | 0.82 | 0.30 | 5,703 |
| Hauling | 0.28 | 0.16 | 16.9 | 2.17 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 15,451 | 15,451 | 0.12 | 2.39 | 0.87 | 16,167 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 3.10 | 2.68 | 2.91 | 38.7 | 0.00 | 0.00 | 10.7 | 10.7 | 0.00 | 2.51 | 2.51 | — | 10,232 | 10,232 | 0.13 | 0.39 | 13.3 | 10,366 |
| Vendor | 0.18 | 0.10 | 4.38 | 1.55 | 0.03 | 0.05 | 34.5 | 34.5 | 0.05 | 3.60 | 3.66 | — | 3,478 | 3,478 | 0.04 | 0.52 | 3.20 | 3,639 |
| Hauling | 0.18 | 0.11 | 10.6 | 1.38 | 0.07 | 0.21 | 90.9 | 91.1 | 0.21 | 9.55 | 9.75 | — | 9,856 | 9,856 | 0.08 | 1.52 | 9.22 | 10,321 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.56 | 0.49 | 0.53 | 7.07 | 0.00 | 0.00 | 1.95 | 1.95 | 0.00 | 0.46 | 0.46 | — | 1,694 | 1,694 | 0.02 | 0.07 | 2.21 | 1,716 |
| Vendor | 0.03 | 0.02 | 0.80 | 0.28 | < 0.005 | 0.01 | 6.29 | 6.30 | 0.01 | 0.66 | 0.67 | — | 576 | 576 | 0.01 | 0.09 | 0.53 | 602 |
| Hauling | 0.03 | 0.02 | 1.93 | 0.25 | 0.01 | 0.04 | 16.6 | 16.6 | 0.04 | 1.74 | 1.78 | — | 1,632 | 1,632 | 0.01 | 0.25 | 1.53 | 1,709 |

## 3.14. Mechanical Installation (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.46 | 3.06 | 26.8 | 91.9 | 0.16 | 0.58 | — | 0.58 | 0.55 | — | 0.55 | — | 15,898 | 15,898 | 0.64 | 0.13 | — | 15,953 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 3.46 | 3.06 | 26.8 | 91.9 | 0.16 | 0.58 | — | 0.58 | 0.55 | — | 0.55 | — | 15,898 | 15,898 | 0.64 | 0.13 | — | 15,953 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Roa d Equipm ent | 2.21 | 1.95 | 17.1 | 58.6 | 0.10 | 0.37 | — | 0.37 | 0.35 | — | 0.35 | — | 10,142 | 10,142 | 0.41 | 0.08 | — | 10,177 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Roa d Equipm ent | 0.40 | 0.36 | 3.12 | 10.7 | 0.02 | 0.07 | — | 0.07 | 0.06 | — | 0.06 | — | 1,679 | 1,679 | 0.07 | 0.01 | — | 1,685 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 5.35 | 5.26 | 3.97 | 82.4 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 17,591 | 17,591 | 0.18 | 0.62 | 48.4 | 17,828 |
| Vendor | 0.29 | 0.17 | 6.56 | 2.38 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,449 | 5,449 | 0.07 | 0.82 | 11.7 | 5,707 |
| Hauling | 0.29 | 0.17 | 15.8 | 2.15 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 15,447 | 15,447 | 0.12 | 2.39 | 33.4 | 16,196 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.79 | 4.15 | 5.18 | 55.8 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 15,441 | 15,441 | 0.26 | 0.65 | 1.26 | 15,642 |
| Vendor | 0.27 | 0.16 | 7.05 | 2.48 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,456 | 5,456 | 0.07 | 0.82 | 0.30 | 5,703 |
| Hauling | 0.28 | 0.16 | 16.9 | 2.17 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 15,451 | 15,451 | 0.12 | 2.39 | 0.87 | 16,167 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | 3.10 | 2.68 | 2.91 | 38.7 | 0.00 | 0.00 | 10.7 | 10.7 | 0.00 | 2.51 | 2.51 | — | 10,232 | 10,232 | 0.13 | 0.39 | 13.3 | 10,366 |
| Vendor | 0.18 | 0.10 | 4.38 | 1.55 | 0.03 | 0.05 | 34.5 | 34.5 | 0.05 | 3.60 | 3.66 | — | 3,478 | 3,478 | 0.04 | 0.52 | 3.20 | 3,639 |
| Hauling | 0.18 | 0.11 | 10.6 | 1.38 | 0.07 | 0.21 | 90.9 | 91.1 | 0.21 | 9.55 | 9.75 | — | 9,856 | 9,856 | 0.08 | 1.52 | 9.22 | 10,321 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.56 | 0.49 | 0.53 | 7.07 | 0.00 | 0.00 | 1.95 | 1.95 | 0.00 | 0.46 | 0.46 | — | 1,694 | 1,694 | 0.02 | 0.07 | 2.21 | 1,716 |
| Vendor | 0.03 | 0.02 | 0.80 | 0.28 | < 0.005 | 0.01 | 6.29 | 6.30 | 0.01 | 0.66 | 0.67 | — | 576 | 576 | 0.01 | 0.09 | 0.53 | 602 |
| Hauling | 0.03 | 0.02 | 1.93 | 0.25 | 0.01 | 0.04 | 16.6 | 16.6 | 0.04 | 1.74 | 1.78 | — | 1,632 | 1,632 | 0.01 | 0.25 | 1.53 | 1,709 |

## 3.15. Mechanical Installation (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 11.5 | 9.53 | 74.6 | 107 | 0.23 | 1.79 | — | 1.79 | 1.65 | — | 1.65 | — | 21,175 | 21,175 | 0.86 | 0.17 | — | 21,248 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.84 | 1.53 | 12.0 | 17.2 | 0.04 | 0.29 | — | 0.29 | 0.26 | — | 0.26 | — | 3,398 | 3,398 | 0.14 | 0.03 | — | 3,410 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 0.34 | 0.28 | 2.19 | 3.13 | 0.01 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 563 | 563 | 0.02 | < 0.005 | — | 565 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.56 | 3.91 | 4.59 | 51.7 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 15,161 | 15,161 | 0.24 | 0.62 | 1.11 | 15,352 |
| Vendor | 0.23 | 0.15 | 6.76 | 2.42 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,300 | 5,300 | 0.07 | 0.78 | 0.27 | 5,535 |
| Hauling | 0.28 | 0.16 | 16.5 | 2.07 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 15,051 | 15,051 | 0.12 | 2.39 | 0.79 | 15,767 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.74 | 0.64 | 0.64 | 9.12 | 0.00 | 0.00 | 2.69 | 2.69 | 0.00 | 0.63 | 0.63 | — | 2,527 | 2,527 | 0.03 | 0.10 | 2.98 | 2,560 |
| Vendor | 0.04 | 0.03 | 1.06 | 0.38 | 0.01 | 0.01 | 8.67 | 8.68 | 0.01 | 0.91 | 0.92 | — | 850 | 850 | 0.01 | 0.13 | 0.71 | 888 |
| Hauling | 0.05 | 0.03 | 2.58 | 0.33 | 0.02 | 0.05 | 22.9 | 22.9 | 0.05 | 2.40 | 2.45 | — | 2,415 | 2,415 | 0.02 | 0.38 | 2.12 | 2,532 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.13 | 0.12 | 0.12 | 1.66 | 0.00 | 0.00 | 0.49 | 0.49 | 0.00 | 0.12 | 0.12 | — | 418 | 418 | 0.01 | 0.02 | 0.49 | 424 |
| Vendor | 0.01 | < 0.005 | 0.19 | 0.07 | < 0.005 | < 0.005 | 1.58 | 1.58 | < 0.005 | 0.17 | 0.17 | — | 141 | 141 | < 0.005 | 0.02 | 0.12 | 147 |
| Hauling | 0.01 | < 0.005 | 0.47 | 0.06 | < 0.005 | 0.01 | 4.17 | 4.18 | 0.01 | 0.44 | 0.45 | — | 400 | 400 | < 0.005 | 0.06 | 0.35 | 419 |

## 3.16. Mechanical Installation (2029) - Mitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.32 | 2.94 | 26.5 | 91.7 | 0.16 | 0.52 | — | 0.52 | 0.50 | — | 0.50 | — | 15,900 | 15,900 | 0.64 | 0.13 | — | 15,954 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.53 | 0.47 | 4.25 | 14.7 | 0.03 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 2,551 | 2,551 | 0.10 | 0.02 | — | 2,560 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.10 | 0.09 | 0.78 | 2.69 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 422 | 422 | 0.02 | < 0.005 | — | 424 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.56 | 3.91 | 4.59 | 51.7 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 15,161 | 15,161 | 0.24 | 0.62 | 1.11 | 15,352 |
| Vendor | 0.23 | 0.15 | 6.76 | 2.42 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,300 | 5,300 | 0.07 | 0.78 | 0.27 | 5,535 |
| Hauling | 0.28 | 0.16 | 16.5 | 2.07 | 0.11 | 0.32 | 149 | 149 | 0.32 | 15.6 | 15.9 | — | 15,051 | 15,051 | 0.12 | 2.39 | 0.79 | 15,767 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | 0.74 | 0.64 | 0.64 | 9.12 | 0.00 | 0.00 | 2.69 | 2.69 | 0.00 | 0.63 | 0.63 | — | 2,527 | 2,527 | 0.03 | 0.10 | 2.98 | 2,560 |
| Vendor | 0.04 | 0.03 | 1.06 | 0.38 | 0.01 | 0.01 | 8.67 | 8.68 | 0.01 | 0.91 | 0.92 | — | 850 | 850 | 0.01 | 0.13 | 0.71 | 888 |
| Hauling | 0.05 | 0.03 | 2.58 | 0.33 | 0.02 | 0.05 | 22.9 | 22.9 | 0.05 | 2.40 | 2.45 | — | 2,415 | 2,415 | 0.02 | 0.38 | 2.12 | 2,532 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.13 | 0.12 | 0.12 | 1.66 | 0.00 | 0.00 | 0.49 | 0.49 | 0.00 | 0.12 | 0.12 | — | 418 | 418 | 0.01 | 0.02 | 0.49 | 424 |
| Vendor | 0.01 | < 0.005 | 0.19 | 0.07 | < 0.005 | < 0.005 | 1.58 | 1.58 | < 0.005 | 0.17 | 0.17 | — | 141 | 141 | < 0.005 | 0.02 | 0.12 | 147 |
| Hauling | 0.01 | < 0.005 | 0.47 | 0.06 | < 0.005 | 0.01 | 4.17 | 4.18 | 0.01 | 0.44 | 0.45 | — | 400 | 400 | < 0.005 | 0.06 | 0.35 | 419 |

## 3.17. Underground Cabling (2027) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 8.06 | 6.77 | 49.9 | 36.5 | 0.11 | 2.72 | — | 2.72 | 2.50 | — | 2.50 | — | 11,429 | 11,429 | 0.46 | 0.09 | — | 11,468 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 8.06 | 6.77 | 49.9 | 36.5 | 0.11 | 2.72 | — | 2.72 | 2.50 | — | 2.50 | — | 11,429 | 11,429 | 0.46 | 0.09 | — | 11,468 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road | 4.61 | 3.87 | 28.5 | 20.9 | 0.06 | 1.55 | — | 1.55 | 1.43 | — | 1.43 | — | 6,531 | 6,531 | 0.26 | 0.05 | — | 6,553 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.84 | 0.71 | 5.21 | 3.81 | 0.01 | 0.28 | — | 0.28 | 0.26 | — | 0.26 | — | 1,081 | 1,081 | 0.04 | 0.01 | — | 1,085 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.42 | 0.41 | 0.34 | 6.62 | 0.00 | 0.00 | 1.27 | 1.27 | 0.00 | 0.30 | 0.30 | — | 1,345 | 1,345 | 0.02 | 0.05 | 4.06 | 1,363 |
| Vendor | 0.30 | 0.22 | 6.84 | 2.48 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,593 | 5,593 | 0.07 | 0.82 | 13.1 | 5,853 |
| Hauling | 0.11 | 0.05 | 4.38 | 0.58 | 0.03 | 0.09 | 40.3 | 40.3 | 0.09 | 4.22 | 4.31 | — | 4,284 | 4,284 | 0.03 | 0.68 | 9.82 | 4,496 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.38 | 0.37 | 0.43 | 4.49 | 0.00 | 0.00 | 1.27 | 1.27 | 0.00 | 0.30 | 0.30 | — | 1,180 | 1,180 | 0.02 | 0.05 | 0.11 | 1,195 |
| Vendor | 0.28 | 0.20 | 7.28 | 2.59 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,601 | 5,601 | 0.07 | 0.82 | 0.34 | 5,848 |
| Hauling | 0.11 | 0.04 | 4.69 | 0.59 | 0.03 | 0.09 | 40.3 | 40.3 | 0.09 | 4.22 | 4.31 | — | 4,285 | 4,285 | 0.03 | 0.68 | 0.25 | 4,487 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.22 | 0.21 | 0.22 | 2.82 | 0.00 | 0.00 | 0.72 | 0.72 | 0.00 | 0.17 | 0.17 | — | 700 | 700 | 0.01 | 0.03 | 1.00 | 710 |
| Vendor | 0.16 | 0.12 | 4.06 | 1.45 | 0.02 | 0.05 | 30.9 | 30.9 | 0.05 | 3.23 | 3.28 | — | 3,198 | 3,198 | 0.04 | 0.47 | 3.23 | 3,342 |
| Hauling | 0.06 | 0.03 | 2.62 | 0.33 | 0.02 | 0.05 | 22.0 | 22.1 | 0.05 | 2.31 | 2.36 | — | 2,448 | 2,448 | 0.02 | 0.39 | 2.43 | 2,566 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.04 | 0.04 | 0.51 | 0.00 | 0.00 | 0.13 | 0.13 | 0.00 | 0.03 | 0.03 | — | 116 | 116 | < 0.005 | < 0.005 | 0.17 | 117 |
| Vendor | 0.03 | 0.02 | 0.74 | 0.26 | < 0.005 | 0.01 | 5.63 | 5.64 | 0.01 | 0.59 | 0.60 | — | 529 | 529 | 0.01 | 0.08 | 0.54 | 553 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hauling | 0.01 | < 0.005 | 0.48 | 0.06 | < 0.005 | 0.01 | 4.02 | 4.03 | 0.01 | 0.42 | 0.43 | — | 405 | 405 | < 0.005 | 0.06 | 0.40 | 425 |

## 3.18. Underground Cabling (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.05 | 1.05 | 5.46 | 56.8 | 0.10 | 0.21 | — | 0.21 | 0.21 | — | 0.21 | — | 11,107 | 11,107 | 0.45 | 0.09 | — | 11,145 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.05 | 1.05 | 5.46 | 56.8 | 0.10 | 0.21 | — | 0.21 | 0.21 | — | 0.21 | — | 11,107 | 11,107 | 0.45 | 0.09 | — | 11,145 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.60 | 0.60 | 3.12 | 32.4 | 0.06 | 0.12 | — | 0.12 | 0.12 | — | 0.12 | — | 6,347 | 6,347 | 0.26 | 0.05 | — | 6,368 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipm | 0.11 | 0.11 | 0.57 | 5.92 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 1,051 | 1,051 | 0.04 | 0.01 | — | 1,054 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.42 | 0.41 | 0.34 | 6.62 | 0.00 | 0.00 | 1.27 | 1.27 | 0.00 | 0.30 | 0.30 | — | 1,345 | 1,345 | 0.02 | 0.05 | 4.06 | 1,363 |
| Vendor | 0.30 | 0.22 | 6.84 | 2.48 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,593 | 5,593 | 0.07 | 0.82 | 13.1 | 5,853 |
| Hauling | 0.11 | 0.05 | 4.38 | 0.58 | 0.03 | 0.09 | 40.3 | 40.3 | 0.09 | 4.22 | 4.31 | — | 4,284 | 4,284 | 0.03 | 0.68 | 9.82 | 4,496 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.38 | 0.37 | 0.43 | 4.49 | 0.00 | 0.00 | 1.27 | 1.27 | 0.00 | 0.30 | 0.30 | — | 1,180 | 1,180 | 0.02 | 0.05 | 0.11 | 1,195 |
| Vendor | 0.28 | 0.20 | 7.28 | 2.59 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,601 | 5,601 | 0.07 | 0.82 | 0.34 | 5,848 |
| Hauling | 0.11 | 0.04 | 4.69 | 0.59 | 0.03 | 0.09 | 40.3 | 40.3 | 0.09 | 4.22 | 4.31 | — | 4,285 | 4,285 | 0.03 | 0.68 | 0.25 | 4,487 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.22 | 0.21 | 0.22 | 2.82 | 0.00 | 0.00 | 0.72 | 0.72 | 0.00 | 0.17 | 0.17 | — | 700 | 700 | 0.01 | 0.03 | 1.00 | 710 |
| Vendor | 0.16 | 0.12 | 4.06 | 1.45 | 0.02 | 0.05 | 30.9 | 30.9 | 0.05 | 3.23 | 3.28 | — | 3,198 | 3,198 | 0.04 | 0.47 | 3.23 | 3,342 |
| Hauling | 0.06 | 0.03 | 2.62 | 0.33 | 0.02 | 0.05 | 22.0 | 22.1 | 0.05 | 2.31 | 2.36 | — | 2,448 | 2,448 | 0.02 | 0.39 | 2.43 | 2,566 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.04 | 0.04 | 0.51 | 0.00 | 0.00 | 0.13 | 0.13 | 0.00 | 0.03 | 0.03 | — | 116 | 116 | < 0.005 | < 0.005 | 0.17 | 117 |
| Vendor | 0.03 | 0.02 | 0.74 | 0.26 | < 0.005 | 0.01 | 5.63 | 5.64 | 0.01 | 0.59 | 0.60 | — | 529 | 529 | 0.01 | 0.08 | 0.54 | 553 |
| Hauling | 0.01 | < 0.005 | 0.48 | 0.06 | < 0.005 | 0.01 | 4.02 | 4.03 | 0.01 | 0.42 | 0.43 | — | 405 | 405 | < 0.005 | 0.06 | 0.40 | 425 |

## 3.19. Underground Cabling (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 8.03 | 6.74 | 48.7 | 36.5 | 0.11 | 2.69 | — | 2.69 | 2.47 | — | 2.47 | — | 11,430 | 11,430 | 0.46 | 0.09 | — | 11,469 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.88 | 0.74 | 5.34 | 4.00 | 0.01 | 0.29 | — | 0.29 | 0.27 | — | 0.27 | — | 1,253 | 1,253 | 0.05 | 0.01 | — | 1,257 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.16 | 0.13 | 0.97 | 0.73 | < 0.005 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 207 | 207 | 0.01 | < 0.005 | — | 208 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.36 | 0.31 | 0.39 | 4.18 | 0.00 | 0.00 | 1.27 | 1.27 | 0.00 | 0.30 | 0.30 | — | 1,158 | 1,158 | 0.02 | 0.05 | 0.09 | 1,173 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.27 | 0.16 | 7.05 | 2.48 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,456 | 5,456 | 0.07 | 0.82 | 0.30 | 5,703 |
| Hauling | 0.08 | 0.04 | 4.57 | 0.59 | 0.03 | 0.09 | 40.3 | 40.3 | 0.09 | 4.22 | 4.31 | — | 4,176 | 4,176 | 0.03 | 0.65 | 0.23 | 4,370 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.03 | 0.04 | 0.50 | 0.00 | 0.00 | 0.14 | 0.14 | 0.00 | 0.03 | 0.03 | — | 132 | 132 | < 0.005 | 0.01 | 0.17 | 133 |
| Vendor | 0.03 | 0.02 | 0.75 | 0.27 | < 0.005 | 0.01 | 5.92 | 5.93 | 0.01 | 0.62 | 0.63 | — | 597 | 597 | 0.01 | 0.09 | 0.55 | 625 |
| Hauling | 0.01 | < 0.005 | 0.49 | 0.06 | < 0.005 | 0.01 | 4.22 | 4.23 | 0.01 | 0.44 | 0.45 | — | 458 | 458 | < 0.005 | 0.07 | 0.43 | 479 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.09 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 21.8 | 21.8 | < 0.005 | < 0.005 | 0.03 | 22.1 |
| Vendor | 0.01 | < 0.005 | 0.14 | 0.05 | < 0.005 | < 0.005 | 1.08 | 1.08 | < 0.005 | 0.11 | 0.11 | — | 98.9 | 98.9 | < 0.005 | 0.01 | 0.09 | 103 |
| Hauling | < 0.005 | < 0.005 | 0.09 | 0.01 | < 0.005 | < 0.005 | 0.77 | 0.77 | < 0.005 | 0.08 | 0.08 | — | 75.8 | 75.8 | < 0.005 | 0.01 | 0.07 | 79.3 |

## 3.20. Underground Cabling (2028) - Mitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.05 | 1.05 | 5.46 | 56.8 | 0.10 | 0.21 | — | 0.21 | 0.21 | — | 0.21 | — | 11,108 | 11,108 | 0.45 | 0.09 | — | 11,146 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipm | 0.12 | 0.12 | 0.60 | 6.22 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 1,217 | 1,217 | 0.05 | 0.01 | — | 1,222 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.02 | 0.11 | 1.14 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 202 | 202 | 0.01 | < 0.005 | — | 202 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.36 | 0.31 | 0.39 | 4.18 | 0.00 | 0.00 | 1.27 | 1.27 | 0.00 | 0.30 | 0.30 | — | 1,158 | 1,158 | 0.02 | 0.05 | 0.09 | 1,173 |
| Vendor | 0.27 | 0.16 | 7.05 | 2.48 | 0.04 | 0.08 | 56.5 | 56.6 | 0.08 | 5.90 | 5.98 | — | 5,456 | 5,456 | 0.07 | 0.82 | 0.30 | 5,703 |
| Hauling | 0.08 | 0.04 | 4.57 | 0.59 | 0.03 | 0.09 | 40.3 | 40.3 | 0.09 | 4.22 | 4.31 | — | 4,176 | 4,176 | 0.03 | 0.65 | 0.23 | 4,370 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.03 | 0.04 | 0.50 | 0.00 | 0.00 | 0.14 | 0.14 | 0.00 | 0.03 | 0.03 | — | 132 | 132 | < 0.005 | 0.01 | 0.17 | 133 |
| Vendor | 0.03 | 0.02 | 0.75 | 0.27 | < 0.005 | 0.01 | 5.92 | 5.93 | 0.01 | 0.62 | 0.63 | — | 597 | 597 | 0.01 | 0.09 | 0.55 | 625 |
| Hauling | 0.01 | < 0.005 | 0.49 | 0.06 | < 0.005 | 0.01 | 4.22 | 4.23 | 0.01 | 0.44 | 0.45 | — | 458 | 458 | < 0.005 | 0.07 | 0.43 | 479 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.09 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 21.8 | 21.8 | < 0.005 | < 0.005 | 0.03 | 22.1 |
| Vendor | 0.01 | < 0.005 | 0.14 | 0.05 | < 0.005 | < 0.005 | 1.08 | 1.08 | < 0.005 | 0.11 | 0.11 | — | 98.9 | 98.9 | < 0.005 | 0.01 | 0.09 | 103 |
| Hauling | < 0.005 | < 0.005 | 0.09 | 0.01 | < 0.005 | < 0.005 | 0.77 | 0.77 | < 0.005 | 0.08 | 0.08 | — | 75.8 | 75.8 | < 0.005 | 0.01 | 0.07 | 79.3 |

# 4. Operations Emissions Details

## 4.1. Mobile Emissions by Land Use

### 4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.12 | 0.11 | 0.12 | 2.95 | 0.01 | < 0.005 | 0.86 | 0.86 | < 0.005 | 0.22 | 0.22 | — | 817 | 817 | 0.01 | 0.01 | 1.79 | 823 |
| General Office Building | 0.05 | 0.03 | 1.85 | 0.34 | 0.02 | 0.03 | 0.51 | 0.54 | 0.03 | 0.14 | 0.17 | — | 1,691 | 1,691 | 0.02 | 0.27 | 3.18 | 1,774 |
| Total | 0.17 | 0.14 | 1.97 | 3.29 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,508 | 2,508 | 0.03 | 0.28 | 4.97 | 2,598 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.11 | 0.10 | 0.15 | 1.89 | 0.01 | < 0.005 | 0.86 | 0.86 | < 0.005 | 0.22 | 0.22 | — | 715 | 715 | 0.01 | 0.02 | 0.05 | 720 |
| General Office Building | 0.04 | 0.03 | 1.98 | 0.35 | 0.02 | 0.03 | 0.51 | 0.54 | 0.03 | 0.14 | 0.17 | — | 1,692 | 1,692 | 0.02 | 0.27 | 0.08 | 1,772 |
| Total | 0.16 | 0.13 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,407 | 2,407 | 0.03 | 0.28 | 0.13 | 2,492 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.02 | 0.02 | 0.02 | 0.39 | < 0.005 | < 0.005 | 0.16 | 0.16 | < 0.005 | 0.04 | 0.04 | — | 123 | 123 | < 0.005 | < 0.005 | 0.13 | 124 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | 0.01 | 0.01 | 0.35 | 0.06 | < 0.005 | 0.01 | 0.09 | 0.10 | 0.01 | 0.02 | 0.03 | — | 280 | 280 | < 0.005 | 0.04 | 0.23 | 294 |
| Total | 0.03 | 0.02 | 0.38 | 0.45 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | — | 403 | 403 | < 0.005 | 0.05 | 0.36 | 417 |

### 4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.12 | 0.11 | 0.12 | 2.95 | 0.01 | < 0.005 | 0.86 | 0.86 | < 0.005 | 0.22 | 0.22 | — | 817 | 817 | 0.01 | 0.01 | 1.79 | 823 |
| General Office Building | 0.05 | 0.03 | 1.85 | 0.34 | 0.02 | 0.03 | 0.51 | 0.54 | 0.03 | 0.14 | 0.17 | — | 1,691 | 1,691 | 0.02 | 0.27 | 3.18 | 1,774 |
| Total | 0.17 | 0.14 | 1.97 | 3.29 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,508 | 2,508 | 0.03 | 0.28 | 4.97 | 2,598 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.11 | 0.10 | 0.15 | 1.89 | 0.01 | < 0.005 | 0.86 | 0.86 | < 0.005 | 0.22 | 0.22 | — | 715 | 715 | 0.01 | 0.02 | 0.05 | 720 |
| General Office Building | 0.04 | 0.03 | 1.98 | 0.35 | 0.02 | 0.03 | 0.51 | 0.54 | 0.03 | 0.14 | 0.17 | — | 1,692 | 1,692 | 0.02 | 0.27 | 0.08 | 1,772 |
| Total | 0.16 | 0.13 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,407 | 2,407 | 0.03 | 0.28 | 0.13 | 2,492 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.02 | 0.02 | 0.02 | 0.39 | < 0.005 | < 0.005 | 0.16 | 0.16 | < 0.005 | 0.04 | 0.04 | — | 123 | 123 | < 0.005 | < 0.005 | 0.13 | 124 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | 0.01 | 0.01 | 0.35 | 0.06 | < 0.005 | 0.01 | 0.09 | 0.10 | 0.01 | 0.02 | 0.03 | — | 280 | 280 | < 0.005 | 0.04 | 0.23 | 294 |
| Total | 0.03 | 0.02 | 0.38 | 0.45 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | — | 403 | 403 | < 0.005 | 0.05 | 0.36 | 417 |

## 4.2. Energy

### 4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 49,287 | 49,287 | 7.97 | 0.97 | — | 49,775 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 41.9 | 41.9 | 0.01 | < 0.005 | — | 42.3 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 49,329 | 49,329 | 7.98 | 0.97 | — | 49,817 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 49,287 | 49,287 | 7.97 | 0.97 | — | 49,775 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 41.9 | 41.9 | 0.01 | < 0.005 | — | 42.3 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 49,329 | 49,329 | 7.98 | 0.97 | — | 49,817 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 8,160 | 8,160 | 1.32 | 0.16 | — | 8,241 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 6.94 | 6.94 | < 0.005 | < 0.005 | — | 7.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 8,167 | 8,167 | 1.32 | 0.16 | — | 8,248 |

### 4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 49,287 | 49,287 | 7.97 | 0.97 | — | 49,775 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 41.9 | 41.9 | 0.01 | < 0.005 | — | 42.3 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 49,329 | 49,329 | 7.98 | 0.97 | — | 49,817 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 49,287 | 49,287 | 7.97 | 0.97 | — | 49,775 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 41.9 | 41.9 | 0.01 | < 0.005 | — | 42.3 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 49,329 | 49,329 | 7.98 | 0.97 | — | 49,817 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 8,160 | 8,160 | 1.32 | 0.16 | — | 8,241 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 6.94 | 6.94 | < 0.005 | < 0.005 | — | 7.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 8,167 | 8,167 | 1.32 | 0.16 | — | 8,248 |

### 4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

### 4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

## 4.3. Area Emissions by Source

### 4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 1.14 | 1.14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.07 | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.41 | 0.38 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Total | 1.62 | 1.59 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 1.14 | 1.14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Architectural Coatings | 0.07 | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 1.21 | 1.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 0.21 | 0.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.01 | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.04 | 0.03 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |
| Total | 0.26 | 0.25 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |

### 4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 1.14 | 1.14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.07 | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Landscape Equipm | 0.41 | 0.38 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Total | 1.62 | 1.59 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 1.14 | 1.14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.07 | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 1.21 | 1.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 0.21 | 0.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.01 | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.04 | 0.03 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |
| Total | 0.26 | 0.25 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |

## 4.4. Water Emissions by Land Use

### 4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 3.08 | 3.08 | < 0.005 | < 0.005 | — | 3.12 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 1.25 | 1.25 | 0.78 | < 0.005 | — | 21.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 3.08 | 3.08 | < 0.005 | < 0.005 | — | 3.12 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 1.25 | 1.25 | 0.78 | < 0.005 | — | 21.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.51 | 0.51 | < 0.005 | < 0.005 | — | 0.52 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.21 | 0.21 | 0.13 | < 0.005 | — | 3.57 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.72 | 0.72 | 0.13 | < 0.005 | — | 4.08 |

### 4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 3.08 | 3.08 | < 0.005 | < 0.005 | — | 3.12 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 1.25 | 1.25 | 0.78 | < 0.005 | — | 21.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 3.08 | 3.08 | < 0.005 | < 0.005 | — | 3.12 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 1.25 | 1.25 | 0.78 | < 0.005 | — | 21.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.51 | 0.51 | < 0.005 | < 0.005 | — | 0.52 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.21 | 0.21 | 0.13 | < 0.005 | — | 3.57 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.72 | 0.72 | 0.13 | < 0.005 | — | 4.08 |

## 4.5. Waste Emissions by Land Use

### 4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 33.4 | 0.00 | 33.4 | 3.34 | 0.00 | — | 117 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 1.60 | 0.00 | 1.60 | 0.16 | 0.00 | — | 5.61 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 33.4 | 0.00 | 33.4 | 3.34 | 0.00 | — | 117 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 1.60 | 0.00 | 1.60 | 0.16 | 0.00 | — | 5.61 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 5.53 | 0.00 | 5.53 | 0.55 | 0.00 | — | 19.4 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.27 | 0.00 | 0.27 | 0.03 | 0.00 | — | 0.93 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 5.80 | 0.00 | 5.80 | 0.58 | 0.00 | — | 20.3 |

### 4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 33.4 | 0.00 | 33.4 | 3.34 | 0.00 | — | 117 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 1.60 | 0.00 | 1.60 | 0.16 | 0.00 | — | 5.61 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 33.4 | 0.00 | 33.4 | 3.34 | 0.00 | — | 117 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 1.60 | 0.00 | 1.60 | 0.16 | 0.00 | — | 5.61 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 5.53 | 0.00 | 5.53 | 0.55 | 0.00 | — | 19.4 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.27 | 0.00 | 0.27 | 0.03 | 0.00 | — | 0.93 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 5.80 | 0.00 | 5.80 | 0.58 | 0.00 | — | 20.3 |

## 4.6. Refrigerant Emissions by Land Use

### 4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.01 | 0.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.01 | 0.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.15 | 2.15 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.16 | 2.16 |

### 4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.01 | 0.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.01 | 0.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.15 | 2.15 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.16 | 2.16 |

## 4.7. Offroad Emissions By Equipment Type

### 4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.8. Stationary Emissions By Equipment Type

### 4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.9. User Defined Emissions By Equipment Type

### 4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10. Soil Carbon Accumulation By Vegetation Type

### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

# 5. Activity Data

## 5.1. Construction Schedule

| Phase Name | Phase Type | Start Date | End Date | Days Per Week | Work Days per Phase | Phase Description |
|---|---|---|---|---|---|---|
| Site Preparation | Site Preparation | 7/1/2025 | 4/30/2026 | 5.00 | 218 | Phase 1 |
| Tracker Foundations | Building Construction | 4/15/2026 | 3/30/2027 | 5.00 | 250 | Phase 2 |
| Electrical Installation | Building Construction | 3/8/2029 | 6/18/2030 | 5.00 | 334 | Phase 5 |
| Mechanical Installation | Building Construction | 2/10/2028 | 3/23/2029 | 5.00 | 292 | Phase 4 |
| Underground Cabling | Trenching | 3/15/2027 | 2/25/2028 | 5.00 | 250 | Phase 3 |

## 5.2. Off-Road Equipment

### 5.2.1. Unmitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Site Preparation | Graders | Diesel | Average | 4.00 | 8.00 | 187 | 0.41 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Site Preparation | Off-Highway Trucks | Diesel | Average | 7.00 | 4.00 | 402 | 0.38 |
| Site Preparation | Plate Compactors | Diesel | Average | 3.00 | 8.00 | 24.9 | 0.43 |
| Site Preparation | Rubber Tired Loaders | Diesel | Average | 3.00 | 8.00 | 203 | 0.36 |
| Site Preparation | Rough Terrain Forklifts | Diesel | Average | 4.00 | 8.00 | 130 | 0.40 |
| Site Preparation | Skid Steer Loaders | Diesel | Average | 4.00 | 8.00 | 75.0 | 0.37 |
| Site Preparation | Crawler Tractors | Diesel | Average | 1.00 | 5.00 | 212 | 0.43 |
| Tracker Foundations | Generator Sets | Diesel | Average | 4.00 | 8.00 | 49.9 | 0.74 |
| Tracker Foundations | Air Compressors | Diesel | Average | 1.00 | 8.00 | 49.9 | 0.48 |
| Tracker Foundations | Off-Highway Trucks | Diesel | Average | 7.00 | 4.00 | 402 | 0.38 |
| Tracker Foundations | Other Construction Equipment | Diesel | Average | 1.00 | 2.00 | 172 | 0.42 |
| Tracker Foundations | Rough Terrain Forklifts | Diesel | Average | 7.00 | 8.00 | 100 | 0.40 |
| Tracker Foundations | Rubber Tired Loaders | Diesel | Average | 1.00 | 8.00 | 203 | 0.36 |
| Tracker Foundations | Other General Industrial Equipment | Diesel | Average | 9.00 | 8.00 | 158 | 0.42 |
| Tracker Foundations | Skid Steer Loaders | Diesel | Average | 9.00 | 8.00 | 75.0 | 0.37 |
| Electrical Installation | Air Compressors | Diesel | Average | 3.00 | 8.00 | 49.9 | 0.48 |
| Electrical Installation | Off-Highway Trucks | Diesel | Average | 9.00 | 4.00 | 402 | 0.38 |
| Electrical Installation | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 203 | 0.36 |
| Electrical Installation | Rough Terrain Forklifts | Diesel | Average | 5.00 | 8.00 | 100 | 0.40 |
| Electrical Installation | Trenchers | Diesel | Average | 3.00 | 8.00 | 78.0 | 0.50 |
| Electrical Installation | Excavators | Diesel | Average | 3.00 | 8.00 | 212 | 0.38 |
| Mechanical Installation | Generator Sets | Diesel | Average | 11.0 | 8.00 | 49.9 | 0.74 |
| Mechanical Installation | Air Compressors | Diesel | Average | 20.0 | 8.00 | 49.9 | 0.48 |
| Mechanical Installation | Off-Highway Trucks | Diesel | Average | 8.00 | 4.00 | 402 | 0.38 |
| Mechanical Installation | Other Construction Equipment | Diesel | Average | 1.00 | 2.00 | 172 | 0.42 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mechanical Installation | Rough Terrain Forklifts | Diesel | Average | 9.00 | 8.00 | 100 | 0.40 |
| Mechanical Installation | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 203 | 0.36 |
| Mechanical Installation | Skid Steer Loaders | Diesel | Average | 1.00 | 8.00 | 75.0 | 0.37 |
| Mechanical Installation | Generator Sets | Diesel | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Underground Cabling | Excavators | Diesel | Average | 4.00 | 8.00 | 212 | 0.38 |
| Underground Cabling | Trenchers | Diesel | Average | 1.00 | 8.00 | 300 | 0.50 |
| Underground Cabling | Off-Highway Trucks | Diesel | Average | 7.00 | 4.00 | 402 | 0.38 |
| Underground Cabling | Plate Compactors | Diesel | Average | 3.00 | 8.00 | 24.9 | 0.43 |
| Underground Cabling | Rubber Tired Loaders | Diesel | Average | 1.00 | 8.00 | 203 | 0.36 |
| Underground Cabling | Skid Steer Loaders | Diesel | Average | 4.00 | 8.00 | 75.0 | 0.37 |

### 5.2.2. Mitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Site Preparation | Graders | Diesel | Tier 4 Final | 4.00 | 8.00 | 187 | 0.41 |
| Site Preparation | Off-Highway Trucks | Diesel | Tier 4 Final | 7.00 | 4.00 | 402 | 0.38 |
| Site Preparation | Plate Compactors | Electric | Average | 3.00 | 8.00 | 24.9 | 0.43 |
| Site Preparation | Rubber Tired Loaders | Diesel | Tier 4 Final | 3.00 | 8.00 | 203 | 0.36 |
| Site Preparation | Rough Terrain Forklifts | Diesel | Tier 4 Final | 4.00 | 8.00 | 130 | 0.40 |
| Site Preparation | Skid Steer Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 75.0 | 0.37 |
| Site Preparation | Crawler Tractors | Diesel | Tier 4 Final | 1.00 | 5.00 | 212 | 0.43 |
| Tracker Foundations | Generator Sets | Diesel | Tier 4 Final | 4.00 | 8.00 | 49.9 | 0.74 |
| Tracker Foundations | Air Compressors | Electric | Average | 1.00 | 8.00 | 49.9 | 0.48 |
| Tracker Foundations | Off-Highway Trucks | Diesel | Tier 4 Final | 7.00 | 4.00 | 402 | 0.38 |
| Tracker Foundations | Other Construction Equipment | Diesel | Tier 4 Final | 1.00 | 2.00 | 172 | 0.42 |
| Tracker Foundations | Rough Terrain Forklifts | Diesel | Tier 4 Final | 7.00 | 8.00 | 100 | 0.40 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Tracker Foundations | Rubber Tired Loaders | Diesel | Tier 4 Final | 1.00 | 8.00 | 203 | 0.36 |
| Tracker Foundations | Other General Industrial Equipment | Diesel | Tier 4 Final | 9.00 | 8.00 | 158 | 0.42 |
| Tracker Foundations | Skid Steer Loaders | Diesel | Tier 4 Final | 9.00 | 8.00 | 75.0 | 0.37 |
| Electrical Installation | Air Compressors | Electric | Average | 3.00 | 8.00 | 49.9 | 0.48 |
| Electrical Installation | Off-Highway Trucks | Diesel | Tier 4 Final | 9.00 | 4.00 | 402 | 0.38 |
| Electrical Installation | Rubber Tired Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 203 | 0.36 |
| Electrical Installation | Rough Terrain Forklifts | Diesel | Tier 4 Final | 5.00 | 8.00 | 100 | 0.40 |
| Electrical Installation | Trenchers | Diesel | Tier 4 Final | 3.00 | 8.00 | 78.0 | 0.50 |
| Electrical Installation | Excavators | Diesel | Tier 4 Final | 3.00 | 8.00 | 212 | 0.38 |
| Mechanical Installation | Generator Sets | Diesel | Average | 10.0 | 8.00 | 49.9 | 0.74 |
| Mechanical Installation | Generator Sets | Electric | Average | 1.00 | 8.00 | 49.9 | 0.74 |
| Mechanical Installation | Air Compressors | Electric | Average | 20.0 | 8.00 | 49.9 | 0.48 |
| Mechanical Installation | Off-Highway Trucks | Diesel | Tier 4 Final | 8.00 | 4.00 | 402 | 0.38 |
| Mechanical Installation | Other Construction Equipment | Diesel | Tier 4 Final | 1.00 | 2.00 | 172 | 0.42 |
| Mechanical Installation | Rough Terrain Forklifts | Diesel | Tier 4 Final | 9.00 | 8.00 | 100 | 0.40 |
| Mechanical Installation | Rubber Tired Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 203 | 0.36 |
| Mechanical Installation | Skid Steer Loaders | Diesel | Tier 4 Final | 1.00 | 8.00 | 75.0 | 0.37 |
| Mechanical Installation | Generator Sets | Electric | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Underground Cabling | Excavators | Diesel | Tier 4 Final | 4.00 | 8.00 | 212 | 0.38 |
| Underground Cabling | Trenchers | Diesel | Tier 4 Final | 1.00 | 8.00 | 300 | 0.50 |
| Underground Cabling | Off-Highway Trucks | Diesel | Tier 4 Final | 7.00 | 4.00 | 402 | 0.38 |
| Underground Cabling | Plate Compactors | Electric | Average | 3.00 | 8.00 | 24.9 | 0.43 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Underground Cabling | Rubber Tired Loaders | Diesel | Tier 4 Final | 1.00 | 8.00 | 203 | 0.36 |
| Underground Cabling | Skid Steer Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 75.0 | 0.37 |

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Site Preparation | — | — | — | — |
| Site Preparation | Worker | 534 | 18.0 | LDA,LDT1,LDT2 |
| Site Preparation | Vendor | 252 | 7.37 | HHDT,MHDT |
| Site Preparation | Hauling | 34.0 | 66.0 | HHDT |
| Site Preparation | Onsite truck | — | — | HHDT |
| Tracker Foundations | — | — | — | — |
| Tracker Foundations | Worker | 1,334 | 18.0 | LDA,LDT1,LDT2 |
| Tracker Foundations | Vendor | 252 | 7.37 | HHDT,MHDT |
| Tracker Foundations | Hauling | 74.0 | 66.0 | HHDT |
| Tracker Foundations | Onsite truck | — | — | HHDT |
| Underground Cabling | — | — | — | — |
| Underground Cabling | Worker | 100 | 18.0 | LDA,LDT1,LDT2 |
| Underground Cabling | Vendor | 252 | 7.37 | HHDT,MHDT |
| Underground Cabling | Hauling | 20.0 | 66.0 | HHDT |
| Underground Cabling | Onsite truck | — | — | HHDT |
| Mechanical Installation | — | — | — | — |
| Mechanical Installation | Worker | 1,334 | 18.0 | LDA,LDT1,LDT2 |
| Mechanical Installation | Vendor | 252 | 7.37 | HHDT,MHDT |
| Mechanical Installation | Hauling | 74.0 | 66.0 | HHDT |
| Mechanical Installation | Onsite truck | — | — | HHDT |
| Electrical Installation | — | — | — | — |

| | | | | |
|---|---|---|---|---|
| Electrical Installation | Worker | 1,334 | 18.0 | LDA,LDT1,LDT2 |
| Electrical Installation | Vendor | 252 | 7.37 | HHDT,MHDT |
| Electrical Installation | Hauling | 74.0 | 66.0 | HHDT |
| Electrical Installation | Onsite truck | — | — | HHDT |

### 5.3.2. Mitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Site Preparation | — | — | — | — |
| Site Preparation | Worker | 534 | 18.0 | LDA,LDT1,LDT2 |
| Site Preparation | Vendor | 252 | 7.37 | HHDT,MHDT |
| Site Preparation | Hauling | 34.0 | 66.0 | HHDT |
| Site Preparation | Onsite truck | — | — | HHDT |
| Tracker Foundations | — | — | — | — |
| Tracker Foundations | Worker | 1,334 | 18.0 | LDA,LDT1,LDT2 |
| Tracker Foundations | Vendor | 252 | 7.37 | HHDT,MHDT |
| Tracker Foundations | Hauling | 74.0 | 66.0 | HHDT |
| Tracker Foundations | Onsite truck | — | — | HHDT |
| Underground Cabling | — | — | — | — |
| Underground Cabling | Worker | 100 | 18.0 | LDA,LDT1,LDT2 |
| Underground Cabling | Vendor | 252 | 7.37 | HHDT,MHDT |
| Underground Cabling | Hauling | 20.0 | 66.0 | HHDT |
| Underground Cabling | Onsite truck | — | — | HHDT |
| Mechanical Installation | — | — | — | — |
| Mechanical Installation | Worker | 1,334 | 18.0 | LDA,LDT1,LDT2 |
| Mechanical Installation | Vendor | 252 | 7.37 | HHDT,MHDT |
| Mechanical Installation | Hauling | 74.0 | 66.0 | HHDT |
| Mechanical Installation | Onsite truck | — | — | HHDT |
| Electrical Installation | — | — | — | — |

| | | | | |
|---|---|---|---|---|
| Electrical Installation | Worker | 1,334 | 18.0 | LDA,LDT1,LDT2 |
| Electrical Installation | Vendor | 252 | 7.37 | HHDT,MHDT |
| Electrical Installation | Hauling | 74.0 | 66.0 | HHDT |
| Electrical Installation | Onsite truck | — | — | HHDT |

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

| Control Strategies Applied | PM10 Reduction | PM2.5 Reduction |
|---|---|---|
| Water unpaved roads twice daily | 55% | 55% |
| Limit vehicle speeds on unpaved roads to 25 mph | 67% | 67% |

## 5.5. Architectural Coatings

| Phase Name | Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|---|---|---|---|---|---|
| Electrical Installation | 0.00 | 0.00 | 79,800 | 26,600 | — |

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

| Phase Name | Material Imported (cy) | Material Exported (cy) | Acres Graded (acres) | Material Demolished (sq. ft.) | Acres Paved (acres) |
|---|---|---|---|---|---|
| Site Preparation | — | — | 504 | 0.00 | — |

### 5.6.2. Construction Earthmoving Control Strategies

| Control Strategies Applied | Frequency (per day) | PM10 Reduction | PM2.5 Reduction |
|---|---|---|---|
| Water Exposed Area | 2 | 61% | 61% |

## 5.7. Construction Paving

| Land Use | Area Paved (acres) | % Asphalt |
|---|---|---|
| General Light Industry | 0.00 | 0% |
| General Office Building | 0.00 | 0% |

## 5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4 | N2O |
|---|---|---|---|---|
| 2025 | 0.00 | 204 | 0.03 | < 0.005 |
| 2026 | 0.00 | 204 | 0.03 | < 0.005 |
| 2027 | 0.00 | 204 | 0.03 | < 0.005 |
| 2028 | 0.00 | 204 | 0.03 | < 0.005 |
| 2029 | 0.00 | 204 | 0.03 | < 0.005 |
| 2030 | 0.00 | 204 | 0.03 | < 0.005 |

## 5.9. Operational Mobile Sources

### 5.9.1. Unmitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|---|---|---|---|---|---|---|---|---|
| General Light Industry | 40.0 | 40.0 | 40.0 | 14,600 | 1,241 | 1,241 | 1,241 | 452,844 |
| General Office Building | 18.0 | 18.0 | 18.0 | 6,570 | 558 | 558 | 558 | 203,780 |

### 5.9.2. Mitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|---|---|---|---|---|---|---|---|---|
| General Light Industry | 40.0 | 40.0 | 40.0 | 14,600 | 1,241 | 1,241 | 1,241 | 452,844 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| General Office Building | 18.0 | 18.0 | 18.0 | 6,570 | 558 | 558 | 558 | 203,780 |

## 5.10. Operational Area Sources

### 5.10.1. Hearths

#### 5.10.1.1. Unmitigated

#### 5.10.1.2. Mitigated

### 5.10.2. Architectural Coatings

| Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|---|---|---|---|---|
| 0 | 0.00 | 79,800 | 26,600 | — |

### 5.10.3. Landscape Equipment

| Season | Unit | Value |
|---|---|---|
| Snow Days | day/yr | 0.00 |
| Summer Days | day/yr | 180 |

### 5.10.4. Landscape Equipment - Mitigated

| Season | Unit | Value |
|---|---|---|
| Snow Days | day/yr | 0.00 |
| Summer Days | day/yr | 180 |

## 5.11. Operational Energy Consumption

### 5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

| Land Use | Electricity (kWh/yr) | CO2 | CH4 | N2O | Natural Gas (kBTU/yr) |
|---|---|---|---|---|---|
| General Light Industry | 88,193,207 | 204 | 0.0330 | 0.0040 | 0.00 |
| General Office Building | 75,028 | 204 | 0.0330 | 0.0040 | 0.00 |

### 5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

| Land Use | Electricity (kWh/yr) | CO2 | CH4 | N2O | Natural Gas (kBTU/yr) |
|---|---|---|---|---|---|
| General Light Industry | 88,193,207 | 204 | 0.0330 | 0.0040 | 0.00 |
| General Office Building | 75,028 | 204 | 0.0330 | 0.0040 | 0.00 |

## 5.12. Operational Water and Wastewater Consumption

### 5.12.1. Unmitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|---|---|---|
| General Light Industry | 0.00 | 2,280,960 |
| General Office Building | 568,748 | 0.00 |

### 5.12.2. Mitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|---|---|---|
| General Light Industry | 0.00 | 2,280,960 |
| General Office Building | 568,748 | 0.00 |

## 5.13. Operational Waste Generation

### 5.13.1. Unmitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|---|---|---|
| General Light Industry | 62.0 | — |

| | | |
|---|---|---|
| General Office Building | 2.98 | — |

### 5.13.2. Mitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|---|---|---|
| General Light Industry | 62.0 | — |
| General Office Building | 2.98 | — |

## 5.14. Operational Refrigeration and Air Conditioning Equipment

### 5.14.1. Unmitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|---|---|---|---|---|---|---|---|
| General Light Industry | Other commercial A/C and heat pumps | R-410A | 2,088 | 0.30 | 4.00 | 4.00 | 18.0 |
| General Office Building | Household refrigerators and/or freezers | R-134a | 1,430 | 0.02 | 0.60 | 0.00 | 1.00 |
| General Office Building | Other commercial A/C and heat pumps | R-410A | 2,088 | < 0.005 | 4.00 | 4.00 | 18.0 |

### 5.14.2. Mitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|---|---|---|---|---|---|---|---|
| General Light Industry | Other commercial A/C and heat pumps | R-410A | 2,088 | 0.30 | 4.00 | 4.00 | 18.0 |
| General Office Building | Household refrigerators and/or freezers | R-134a | 1,430 | 0.02 | 0.60 | 0.00 | 1.00 |
| General Office Building | Other commercial A/C and heat pumps | R-410A | 2,088 | < 0.005 | 4.00 | 4.00 | 18.0 |

## 5.15. Operational Off-Road Equipment

#### 5.15.1. Unmitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|

#### 5.15.2. Mitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|

## 5.16. Stationary Sources

#### 5.16.1. Emergency Generators and Fire Pumps

| Equipment Type | Fuel Type | Number per Day | Hours per Day | Hours per Year | Horsepower | Load Factor |
|---|---|---|---|---|---|---|

#### 5.16.2. Process Boilers

| Equipment Type | Fuel Type | Number | Boiler Rating (MMBtu/hr) | Daily Heat Input (MMBtu/day) | Annual Heat Input (MMBtu/yr) |
|---|---|---|---|---|---|

## 5.17. User Defined

| Equipment Type | Fuel Type |
|---|---|
| — | — |

## 5.18. Vegetation

#### 5.18.1. Land Use Change

#### 5.18.1.1. Unmitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

#### 5.18.1.2. Mitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

### 5.18.1. Biomass Cover Type

#### 5.18.1.1. Unmitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

#### 5.18.1.2. Mitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

### 5.18.2. Sequestration

#### 5.18.2.1. Unmitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

#### 5.18.2.2. Mitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

# 6. Climate Risk Detailed Report

## 6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

| Climate Hazard | Result for Project Location | Unit |
|---|---|---|
| Temperature and Extreme Heat | 21.4 | annual days of extreme heat |
| Extreme Precipitation | 0.00 | annual days with precipitation above 20 mm |
| Sea Level Rise | 0.00 | meters of inundation depth |
| Wildfire | 0.00 | annual hectares burned |

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

## 6.2. Initial Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | 1 | 0 | 0 | N/A |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | N/A | N/A | N/A | N/A |
| Wildfire | N/A | N/A | N/A | N/A |
| Flooding | 0 | 0 | 0 | N/A |
| Drought | 0 | 0 | 0 | N/A |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | 0 | 0 | 0 | N/A |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

## 6.3. Adjusted Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | 1 | 1 | 1 | 2 |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | N/A | N/A | N/A | N/A |

| | | | | |
|---|---|---|---|---|
| Wildfire | N/A | N/A | N/A | N/A |
| Flooding | 1 | 1 | 1 | 2 |
| Drought | 1 | 1 | 1 | 2 |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | 1 | 1 | 1 | 2 |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

## 6.4. Climate Risk Reduction Measures

# 7. Health and Equity Details

## 7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|
| Exposure Indicators | — |
| AQ-Ozone | 82.5 |
| AQ-PM | 95.4 |
| AQ-DPM | 5.76 |
| Drinking Water | 96.1 |
| Lead Risk Housing | 81.4 |
| Pesticides | 94.1 |
| Toxic Releases | 50.9 |
| Traffic | 0.71 |
| Effect Indicators | — |
| CleanUp Sites | 7.71 |
| Groundwater | 85.3 |

| | |
|---|---|
| Haz Waste Facilities/Generators | 67.6 |
| Impaired Water Bodies | 0.00 |
| Solid Waste | 86.5 |
| Sensitive Population | — |
| Asthma | 42.4 |
| Cardio-vascular | 67.5 |
| Low Birth Weights | 15.4 |
| Socioeconomic Factor Indicators | — |
| Education | 86.9 |
| Housing | 79.3 |
| Linguistic | 95.6 |
| Poverty | 87.8 |
| Unemployment | 61.5 |

## 7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|
| Economic | — |
| Above Poverty | — |
| Employed | — |
| Median HI | — |
| Education | — |
| Bachelor's or higher | — |
| High school enrollment | — |
| Preschool enrollment | — |
| Transportation | — |
| Auto Access | — |
| Active commuting | — |

| | |
|---|---|
| Social | — |
| 2-parent households | — |
| Voting | — |
| Neighborhood | — |
| Alcohol availability | — |
| Park access | — |
| Retail density | — |
| Supermarket access | — |
| Tree canopy | — |
| Housing | — |
| Homeownership | — |
| Housing habitability | — |
| Low-inc homeowner severe housing cost burden | — |
| Low-inc renter severe housing cost burden | — |
| Uncrowded housing | — |
| Health Outcomes | — |
| Insured adults | — |
| Arthritis | 0.0 |
| Asthma ER Admissions | 55.4 |
| High Blood Pressure | 0.0 |
| Cancer (excluding skin) | 0.0 |
| Asthma | 0.0 |
| Coronary Heart Disease | 0.0 |
| Chronic Obstructive Pulmonary Disease | 0.0 |
| Diagnosed Diabetes | 0.0 |
| Life Expectancy at Birth | 0.0 |
| Cognitively Disabled | 64.4 |
| Physically  Disabled | 74.5 |

| | |
|---|---|
| Heart Attack ER Admissions | 23.2 |
| Mental Health Not Good | 0.0 |
| Chronic Kidney Disease | 0.0 |
| Obesity | 0.0 |
| Pedestrian Injuries | 0.0 |
| Physical Health Not Good | 0.0 |
| Stroke | 0.0 |
| Health Risk Behaviors | — |
| Binge Drinking | 0.0 |
| Current Smoker | 0.0 |
| No Leisure Time for Physical Activity | 0.0 |
| Climate Change Exposures | — |
| Wildfire Risk | 0.0 |
| SLR Inundation Area | 0.0 |
| Children | 65.5 |
| Elderly | 68.4 |
| English Speaking | 0.0 |
| Foreign-born | 0.0 |
| Outdoor Workers | 1.8 |
| Climate Change Adaptive Capacity | — |
| Impervious Surface Cover | 96.4 |
| Traffic Density | 0.0 |
| Traffic Access | 0.0 |
| Other Indices | — |
| Hardship | 0.0 |
| Other Decision Support | — |
| 2016 Voting | 0.0 |

## 7.3. Overall Health & Equity Scores

| Metric | Result for Project Census Tract |
|---|---|
| CalEnviroScreen 4.0 Score for Project Location (a) | 83.0 |
| Healthy Places Index Score for Project Location (b) | — |
| Project Located in a Designated Disadvantaged Community (Senate Bill 535) | Yes |
| Project Located in a Low-Income Community (Assembly Bill 1550) | Yes |
| Project Located in a Community Air Protection Program Community (Assembly Bill 617) | No |

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

## 7.4. Health & Equity Measures

No Health & Equity Measures selected.

## 7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

## 7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

# 8. User Changes to Default Data

| Screen | Justification |
|---|---|
| Land Use | Modeling battery storage station as general light industrial. Assuming maximum square footage allowed for the land use. |
| Construction: Construction Phases | No demolition phase anticipated. Phasing based on example project provided and totals approx. 60 months. |
| Construction: Off-Road Equipment | Equipment, operating hours, and horsepower were based on the Bellefield solar project assumptions. Bellefield assumptions for generator sets, air compressors, and plate compactors that exceeded the maximum horsepower for that equipment were reduced to match the maximum. |
| Construction: Trips and VMT | Adjusted using list of construction trip assumptions. |

| | |
|---|---|
| Construction: On-Road Fugitive Dust | Assuming a quarter mile unpaved road distance for haul and vendor trucks, assuming 100% paved for worker vehicles. Assuming watering of unpaved roads and limiting speed to 15 mph in accordance with MDAQMD rule 8021. Limiting speed to 15 mph translates to a 66.6% reduction according to the WRAP fugitive dust handbook. |
| Operations: Vehicle Data | Passenger trips in light industry, trucks in office building. |
| Operations: Water and Waste Water | Assuming 7 acre-feet of outdoor water use for solar panels per year. Office building uses a septic tank. |
| Operations: Refrigerants | Added "Other commercial A/C and heat pumps" to represent SF6 emissions from substations. |
| Operations: Energy Use | Assuming that the project does not result in natural gas consumption. |
| Operations: Fleet Mix | Passenger trips in light industry and trucks in office building. |

# Buttonbush Solar Onsite Detailed Report

## Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

3.2. Site Preparation (2025) - Mitigated

3.3. Site Preparation (2026) - Unmitigated

3.4. Site Preparation (2026) - Mitigated

3.5. Tracker Foundations (2026) - Unmitigated

3.6. Tracker Foundations (2026) - Mitigated

3.7. Tracker Foundations (2027) - Unmitigated

3.8. Tracker Foundations (2027) - Mitigated

3.9. Electrical Installation (2029) - Unmitigated

3.10. Electrical Installation (2029) - Mitigated

3.11. Electrical Installation (2030) - Unmitigated

3.12. Electrical Installation (2030) - Mitigated

3.13. Mechanical Installation (2028) - Unmitigated

3.14. Mechanical Installation (2028) - Mitigated

3.15. Mechanical Installation (2029) - Unmitigated

3.16. Mechanical Installation (2029) - Mitigated

3.17. Underground Cabling (2027) - Unmitigated

3.18. Underground Cabling (2027) - Mitigated

3.19. Underground Cabling (2028) - Unmitigated

3.20. Underground Cabling (2028) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

# 1. Basic Project Information

## 1.1. Basic Project Information

| Data Field | Value |
|---|---|
| Project Name | Buttonbush Solar Onsite |
| Construction Start Date | 7/1/2025 |
| Operational Year | 2030 |
| Lead Agency | — |
| Land Use Scale | Project/site |
| Analysis Level for Defaults | County |
| Windspeed (m/s) | 2.70 |
| Precipitation (days) | 16.2 |
| Location | 35.45281010000666, -119.43940020399636 |
| County | Kern-San Joaquin |
| City | Unincorporated |
| Air District | San Joaquin Valley APCD |
| Air Basin | San Joaquin Valley |
| TAZ | 2940 |
| EDFZ | 5 |
| Electric Utility | Pacific Gas & Electric Company |
| Gas Utility | Southern California Gas |
| App Version | 2022.1.1.29 |

## 1.2. Land Use Types

| Land Use Subtype | Size | Unit | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscape Area (sq ft) | Population | Description |
|---|---|---|---|---|---|---|---|---|
| General Light Industry | 50.0 | 1000sqft | 100 | 50,000 | — | — | — | — |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| General Office Building | 3.20 | 1000sqft | 0.07 | 3,200 | — | — | — | — |

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

| Sector | # | Measure Title |
|---|---|---|
| Construction | C-1-A | Use Electric or Hybrid Powered Equipment |
| Construction | C-5 | Use Advanced Engine Tiers |
| Construction | C-9 | Use Dust Suppressants |

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 33.2 | 28.8 | 179 | 169 | 0.31 | 9.52 | 5.94 | 15.5 | 8.76 | 0.67 | 9.42 | — | 33,642 | 33,642 | 1.65 | 0.58 | 2.39 | 33,858 |
| Mit. | 10.4 | 10.1 | 31.5 | 206 | 0.30 | 0.60 | 5.94 | 6.54 | 0.60 | 0.67 | 1.26 | — | 33,081 | 33,081 | 1.63 | 0.57 | 2.39 | 33,295 |
| % Reduced | 69% | 65% | 82% | -22% | 3% | 94% | — | 58% | 93% | — | 87% | — | 2% | 2% | 1% | 1% | — | 2% |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 28.7 | 24.6 | 162 | 186 | 0.38 | 8.70 | 5.43 | 13.5 | 8.00 | 0.63 | 8.54 | — | 38,352 | 38,352 | 2.02 | 0.68 | 0.05 | 38,607 |
| Mit. | 12.9 | 12.1 | 43.5 | 199 | 0.30 | 0.80 | 5.43 | 6.23 | 0.78 | 0.63 | 1.41 | — | 32,359 | 32,359 | 1.78 | 0.64 | 0.05 | 32,593 |
| % Reduced | 55% | 51% | 73% | -7% | 21% | 91% | — | 54% | 90% | — | 84% | — | 16% | 16% | 12% | 7% | — | 16% |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unmit. | 13.3 | 11.5 | 73.0 | 82.1 | 0.16 | 3.94 | 2.07 | 6.00 | 3.62 | 0.24 | 3.86 | — | 15,507 | 15,507 | 0.76 | 0.25 | 0.42 | 15,603 |
| Mit. | 4.96 | 4.58 | 21.2 | 84.5 | 0.12 | 0.39 | 2.07 | 2.30 | 0.38 | 0.24 | 0.59 | — | 12,990 | 12,990 | 0.69 | 0.25 | 0.42 | 13,081 |
| % Reduced | 63% | 60% | 71% | -3% | 26% | 90% | — | 62% | 90% | — | 85% | — | 16% | 16% | 10% | 3% | — | 16% |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 2.43 | 2.10 | 13.3 | 15.0 | 0.03 | 0.72 | 0.38 | 1.10 | 0.66 | 0.04 | 0.70 | — | 2,567 | 2,567 | 0.13 | 0.04 | 0.07 | 2,583 |
| Mit. | 0.90 | 0.84 | 3.86 | 15.4 | 0.02 | 0.07 | 0.38 | 0.42 | 0.07 | 0.04 | 0.11 | — | 2,151 | 2,151 | 0.11 | 0.04 | 0.07 | 2,166 |
| % Reduced | 63% | 60% | 71% | -3% | 26% | 90% | — | 62% | 90% | — | 85% | — | 16% | 16% | 10% | 3% | — | 16% |

## 2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 12.2 | 10.5 | 71.9 | 55.3 | 0.13 | 3.48 | 3.23 | 6.70 | 3.20 | 0.35 | 3.55 | — | 14,459 | 14,459 | 0.69 | 0.25 | 0.98 | 14,551 |
| 2026 | 33.2 | 28.8 | 179 | 169 | 0.31 | 9.52 | 5.94 | 15.5 | 8.76 | 0.67 | 9.42 | — | 33,642 | 33,642 | 1.65 | 0.58 | 2.39 | 33,858 |
| 2027 | 8.60 | 7.26 | 53.1 | 39.4 | 0.11 | 2.72 | 2.09 | 4.81 | 2.50 | 0.22 | 2.72 | — | 11,971 | 11,971 | 0.51 | 0.18 | 0.54 | 12,038 |
| 2028 | 17.3 | 15.0 | 86.4 | 121 | 0.23 | 2.48 | 2.72 | 5.20 | 2.28 | 0.31 | 2.60 | — | 22,266 | 22,266 | 1.08 | 0.37 | 1.19 | 22,404 |
| 2029 | 11.2 | 10.0 | 37.0 | 60.5 | 0.15 | 1.32 | 2.72 | 4.04 | 1.22 | 0.31 | 1.53 | — | 16,130 | 16,130 | 0.83 | 0.32 | 1.06 | 16,246 |
| 2030 | 10.7 | 9.66 | 35.5 | 59.8 | 0.15 | 1.27 | 2.72 | 3.98 | 1.17 | 0.31 | 1.48 | — | 16,108 | 16,108 | 0.83 | 0.30 | 0.94 | 16,220 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 11.9 | 10.2 | 72.2 | 57.3 | 0.13 | 3.48 | 3.23 | 6.70 | 3.20 | 0.35 | 3.55 | — | 14,459 | 14,459 | 0.72 | 0.25 | 0.03 | 14,551 |
| 2026 | 20.7 | 17.9 | 112 | 118 | 0.18 | 6.16 | 3.23 | 8.88 | 5.67 | 0.35 | 5.99 | — | 19,183 | 19,183 | 1.07 | 0.37 | 0.04 | 19,321 |
| 2027 | 28.7 | 24.6 | 162 | 157 | 0.29 | 8.70 | 4.80 | 13.5 | 8.00 | 0.53 | 8.54 | — | 31,136 | 31,136 | 1.55 | 0.55 | 0.05 | 31,340 |
| 2028 | 25.2 | 21.6 | 139 | 164 | 0.34 | 5.18 | 4.80 | 9.98 | 4.76 | 0.53 | 5.30 | — | 34,223 | 34,223 | 1.68 | 0.58 | 0.04 | 34,437 |
| 2029 | 25.8 | 22.6 | 117 | 186 | 0.38 | 3.12 | 5.43 | 8.55 | 2.87 | 0.63 | 3.50 | — | 38,352 | 38,352 | 2.02 | 0.68 | 0.05 | 38,607 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2030 | 10.3 | 9.16 | 35.9 | 63.0 | 0.15 | 1.27 | 2.72 | 3.98 | 1.17 | 0.31 | 1.48 | — | 16,097 | 16,097 | 0.89 | 0.32 | 0.02 | 16,213 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 4.30 | 3.69 | 25.9 | 20.2 | 0.05 | 1.25 | 1.13 | 2.38 | 1.15 | 0.12 | 1.28 | — | 5,205 | 5,205 | 0.25 | 0.09 | 0.15 | 5,238 |
| 2026 | 13.3 | 11.5 | 73.0 | 71.9 | 0.12 | 3.94 | 2.07 | 6.00 | 3.62 | 0.24 | 3.86 | — | 13,188 | 13,188 | 0.69 | 0.25 | 0.42 | 13,280 |
| 2027 | 8.40 | 7.16 | 49.2 | 42.5 | 0.09 | 2.60 | 1.59 | 4.19 | 2.39 | 0.17 | 2.56 | — | 10,178 | 10,178 | 0.47 | 0.16 | 0.23 | 10,238 |
| 2028 | 11.6 | 10.0 | 60.9 | 82.1 | 0.16 | 1.88 | 1.88 | 3.76 | 1.73 | 0.22 | 1.95 | — | 15,507 | 15,507 | 0.76 | 0.25 | 0.35 | 15,603 |
| 2029 | 8.70 | 7.70 | 34.5 | 55.4 | 0.12 | 1.06 | 1.94 | 3.01 | 0.98 | 0.23 | 1.20 | — | 12,998 | 12,998 | 0.68 | 0.24 | 0.34 | 13,087 |
| 2030 | 3.43 | 3.05 | 11.8 | 20.2 | 0.05 | 0.42 | 0.86 | 1.28 | 0.39 | 0.10 | 0.49 | — | 5,323 | 5,323 | 0.28 | 0.10 | 0.13 | 5,361 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 0.79 | 0.67 | 4.73 | 3.68 | 0.01 | 0.23 | 0.21 | 0.43 | 0.21 | 0.02 | 0.23 | — | 862 | 862 | 0.04 | 0.01 | 0.03 | 867 |
| 2026 | 2.43 | 2.10 | 13.3 | 13.1 | 0.02 | 0.72 | 0.38 | 1.10 | 0.66 | 0.04 | 0.70 | — | 2,183 | 2,183 | 0.11 | 0.04 | 0.07 | 2,199 |
| 2027 | 1.53 | 1.31 | 8.98 | 7.75 | 0.02 | 0.47 | 0.29 | 0.76 | 0.44 | 0.03 | 0.47 | — | 1,685 | 1,685 | 0.08 | 0.03 | 0.04 | 1,695 |
| 2028 | 2.13 | 1.83 | 11.1 | 15.0 | 0.03 | 0.34 | 0.34 | 0.69 | 0.32 | 0.04 | 0.36 | — | 2,567 | 2,567 | 0.13 | 0.04 | 0.06 | 2,583 |
| 2029 | 1.59 | 1.41 | 6.29 | 10.1 | 0.02 | 0.19 | 0.35 | 0.55 | 0.18 | 0.04 | 0.22 | — | 2,152 | 2,152 | 0.11 | 0.04 | 0.06 | 2,167 |
| 2030 | 0.63 | 0.56 | 2.15 | 3.68 | 0.01 | 0.08 | 0.16 | 0.23 | 0.07 | 0.02 | 0.09 | — | 881 | 881 | 0.05 | 0.02 | 0.02 | 888 |

## 2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 3.61 | 3.53 | 10.3 | 79.3 | 0.13 | 0.26 | 3.23 | 3.48 | 0.26 | 0.35 | 0.61 | — | 14,137 | 14,137 | 0.67 | 0.25 | 0.98 | 14,228 |
| 2026 | 10.4 | 10.1 | 30.4 | 206 | 0.30 | 0.60 | 5.94 | 6.54 | 0.60 | 0.67 | 1.26 | — | 33,081 | 33,081 | 1.63 | 0.57 | 2.39 | 33,295 |
| 2027 | 1.59 | 1.54 | 8.58 | 59.6 | 0.10 | 0.21 | 2.09 | 2.30 | 0.21 | 0.22 | 0.43 | — | 11,649 | 11,649 | 0.50 | 0.18 | 0.54 | 11,715 |
| 2028 | 8.02 | 7.47 | 31.5 | 104 | 0.16 | 0.58 | 2.72 | 3.30 | 0.55 | 0.31 | 0.87 | — | 16,993 | 16,993 | 0.86 | 0.32 | 1.19 | 17,112 |
| 2029 | 6.35 | 6.20 | 11.7 | 88.5 | 0.14 | 0.28 | 2.72 | 2.99 | 0.28 | 0.31 | 0.59 | — | 15,412 | 15,412 | 0.80 | 0.31 | 1.06 | 15,526 |
| 2030 | 6.06 | 5.94 | 11.5 | 87.9 | 0.14 | 0.28 | 2.72 | 2.99 | 0.28 | 0.31 | 0.59 | — | 15,389 | 15,389 | 0.80 | 0.30 | 0.94 | 15,498 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 3.29 | 3.19 | 10.6 | 81.2 | 0.13 | 0.26 | 3.23 | 3.48 | 0.26 | 0.35 | 0.61 | — | 14,137 | 14,137 | 0.71 | 0.25 | 0.03 | 14,228 |
| 2026 | 6.27 | 6.06 | 20.5 | 132 | 0.17 | 0.34 | 3.23 | 3.48 | 0.34 | 0.35 | 0.65 | — | 18,943 | 18,943 | 1.06 | 0.37 | 0.04 | 19,080 |
| 2027 | 7.55 | 7.30 | 29.2 | 191 | 0.28 | 0.55 | 4.80 | 5.35 | 0.55 | 0.53 | 1.09 | — | 30,575 | 30,575 | 1.53 | 0.55 | 0.05 | 30,777 |
| 2028 | 8.94 | 8.31 | 40.7 | 168 | 0.27 | 0.80 | 4.80 | 5.60 | 0.77 | 0.53 | 1.30 | — | 28,627 | 28,627 | 1.45 | 0.53 | 0.04 | 28,823 |
| 2029 | 12.9 | 12.1 | 43.5 | 199 | 0.30 | 0.80 | 5.43 | 6.23 | 0.78 | 0.63 | 1.41 | — | 32,359 | 32,359 | 1.78 | 0.64 | 0.05 | 32,593 |
| 2030 | 5.62 | 5.44 | 11.9 | 91.2 | 0.14 | 0.28 | 2.72 | 2.99 | 0.28 | 0.31 | 0.59 | — | 15,377 | 15,377 | 0.86 | 0.31 | 0.02 | 15,491 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 1.20 | 1.16 | 3.77 | 28.8 | 0.05 | 0.09 | 1.13 | 1.22 | 0.09 | 0.12 | 0.22 | — | 5,089 | 5,089 | 0.25 | 0.09 | 0.15 | 5,122 |
| 2026 | 4.01 | 3.87 | 12.8 | 84.5 | 0.12 | 0.23 | 2.07 | 2.30 | 0.23 | 0.24 | 0.47 | — | 12,990 | 12,990 | 0.69 | 0.25 | 0.42 | 13,081 |
| 2027 | 1.94 | 1.88 | 8.47 | 56.5 | 0.09 | 0.18 | 1.59 | 1.78 | 0.18 | 0.17 | 0.35 | — | 9,953 | 9,953 | 0.46 | 0.16 | 0.23 | 10,012 |
| 2028 | 4.96 | 4.58 | 21.2 | 74.0 | 0.12 | 0.39 | 1.88 | 2.28 | 0.38 | 0.22 | 0.59 | — | 12,108 | 12,108 | 0.62 | 0.23 | 0.35 | 12,192 |
| 2029 | 4.57 | 4.40 | 11.9 | 69.4 | 0.11 | 0.25 | 1.94 | 2.19 | 0.24 | 0.23 | 0.47 | — | 11,732 | 11,732 | 0.63 | 0.23 | 0.34 | 11,817 |
| 2030 | 1.87 | 1.83 | 3.87 | 29.5 | 0.04 | 0.09 | 0.86 | 0.95 | 0.09 | 0.10 | 0.19 | — | 5,085 | 5,085 | 0.27 | 0.10 | 0.13 | 5,122 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 0.22 | 0.21 | 0.69 | 5.26 | 0.01 | 0.02 | 0.21 | 0.22 | 0.02 | 0.02 | 0.04 | — | 843 | 843 | 0.04 | 0.01 | 0.03 | 848 |
| 2026 | 0.73 | 0.71 | 2.34 | 15.4 | 0.02 | 0.04 | 0.38 | 0.42 | 0.04 | 0.04 | 0.09 | — | 2,151 | 2,151 | 0.11 | 0.04 | 0.07 | 2,166 |
| 2027 | 0.35 | 0.34 | 1.55 | 10.3 | 0.02 | 0.03 | 0.29 | 0.32 | 0.03 | 0.03 | 0.06 | — | 1,648 | 1,648 | 0.08 | 0.03 | 0.04 | 1,658 |
| 2028 | 0.90 | 0.84 | 3.86 | 13.5 | 0.02 | 0.07 | 0.34 | 0.42 | 0.07 | 0.04 | 0.11 | — | 2,005 | 2,005 | 0.10 | 0.04 | 0.06 | 2,018 |
| 2029 | 0.83 | 0.80 | 2.17 | 12.7 | 0.02 | 0.04 | 0.35 | 0.40 | 0.04 | 0.04 | 0.09 | — | 1,942 | 1,942 | 0.10 | 0.04 | 0.06 | 1,956 |
| 2030 | 0.34 | 0.33 | 0.71 | 5.38 | 0.01 | 0.02 | 0.16 | 0.17 | 0.02 | 0.02 | 0.03 | — | 842 | 842 | 0.05 | 0.02 | 0.02 | 848 |

## 2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.73 | 1.69 | 0.32 | 2.74 | < 0.005 | < 0.005 | 0.01 | 0.02 | < 0.005 | < 0.005 | 0.01 | 35.0 | 443 | 478 | 4.35 | 0.02 | 13.1 | 606 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.30 | 1.30 | 0.32 | 0.51 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | 35.0 | 434 | 469 | 4.35 | 0.02 | 13.0 | 596 |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.51 | 1.49 | 0.32 | 1.60 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | 35.0 | 438 | 473 | 4.35 | 0.02 | 13.0 | 601 |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 0.28 | 0.27 | 0.06 | 0.29 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 5.80 | 72.5 | 78.3 | 0.72 | < 0.005 | 2.16 | 99.5 |

## 2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.11 | 0.10 | 0.30 | 0.43 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 55.8 | 55.8 | 0.01 | 0.01 | 0.04 | 58.8 |
| Area | 1.62 | 1.59 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.73 | 1.69 | 0.32 | 2.74 | < 0.005 | < 0.005 | 0.01 | 0.02 | < 0.005 | < 0.005 | 0.01 | 35.0 | 443 | 478 | 4.35 | 0.02 | 13.1 | 606 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mobile | 0.10 | 0.09 | 0.32 | 0.51 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 56.0 | 56.0 | 0.01 | 0.01 | < 0.005 | 59.1 |
| Area | 1.21 | 1.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.30 | 1.30 | 0.32 | 0.51 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | 35.0 | 434 | 469 | 4.35 | 0.02 | 13.0 | 596 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.10 | 0.09 | 0.31 | 0.46 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 55.6 | 55.6 | 0.01 | 0.01 | 0.02 | 58.7 |
| Area | 1.41 | 1.39 | 0.01 | 1.14 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.69 | 4.69 | < 0.005 | < 0.005 | — | 4.71 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.51 | 1.49 | 0.32 | 1.60 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | 35.0 | 438 | 473 | 4.35 | 0.02 | 13.0 | 601 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.02 | 0.02 | 0.06 | 0.08 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 9.20 | 9.20 | < 0.005 | < 0.005 | < 0.005 | 9.71 |
| Area | 0.26 | 0.25 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 61.8 | 61.8 | 0.01 | < 0.005 | — | 62.4 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.72 | 0.72 | 0.13 | < 0.005 | — | 4.08 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 5.80 | 0.00 | 5.80 | 0.58 | 0.00 | — | 20.3 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.16 | 2.16 |
| Total | 0.28 | 0.27 | 0.06 | 0.29 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 5.80 | 72.5 | 78.3 | 0.72 | < 0.005 | 2.16 | 99.5 |

## 2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.11 | 0.10 | 0.30 | 0.43 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 55.8 | 55.8 | 0.01 | 0.01 | 0.04 | 58.8 |
| Area | 1.62 | 1.59 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.73 | 1.69 | 0.32 | 2.74 | < 0.005 | < 0.005 | 0.01 | 0.02 | < 0.005 | < 0.005 | 0.01 | 35.0 | 443 | 478 | 4.35 | 0.02 | 13.1 | 606 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.10 | 0.09 | 0.32 | 0.51 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 56.0 | 56.0 | 0.01 | 0.01 | < 0.005 | 59.1 |
| Area | 1.21 | 1.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.30 | 1.30 | 0.32 | 0.51 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | 35.0 | 434 | 469 | 4.35 | 0.02 | 13.0 | 596 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.10 | 0.09 | 0.31 | 0.46 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 55.6 | 55.6 | 0.01 | 0.01 | 0.02 | 58.7 |
| Area | 1.41 | 1.39 | 0.01 | 1.14 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.69 | 4.69 | < 0.005 | < 0.005 | — | 4.71 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.51 | 1.49 | 0.32 | 1.60 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | 35.0 | 438 | 473 | 4.35 | 0.02 | 13.0 | 601 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mobile | 0.02 | 0.02 | 0.06 | 0.08 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 9.20 | 9.20 | < 0.005 | < 0.005 | < 0.005 | 9.71 |
| Area | 0.26 | 0.25 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 61.8 | 61.8 | 0.01 | < 0.005 | — | 62.4 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.72 | 0.72 | 0.13 | < 0.005 | — | 4.08 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 5.80 | 0.00 | 5.80 | 0.58 | 0.00 | — | 20.3 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.16 | 2.16 |
| Total | 0.28 | 0.27 | 0.06 | 0.29 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 5.80 | 72.5 | 78.3 | 0.72 | < 0.005 | 2.16 | 99.5 |

# 3. Construction Emissions Details

## 3.1. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 9.87 | 8.29 | 68.1 | 48.1 | 0.13 | 3.48 | — | 3.48 | 3.20 | — | 3.20 | — | 13,697 | 13,697 | 0.56 | 0.11 | — | 13,744 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | 9.87 | 8.29 | 68.1 | 48.1 | 0.13 | 3.48 | — | 3.48 | 3.20 | — | 3.20 | — | 13,697 | 13,697 | 0.56 | 0.11 | — | 13,744 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.55 | 2.98 | 24.5 | 17.3 | 0.05 | 1.25 | — | 1.25 | 1.15 | — | 1.15 | — | 4,932 | 4,932 | 0.20 | 0.04 | — | 4,949 |
| Dust From Material Movement | — | — | — | — | — | — | 0.34 | 0.34 | — | 0.04 | 0.04 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.65 | 0.54 | 4.48 | 3.16 | 0.01 | 0.23 | — | 0.23 | 0.21 | — | 0.21 | — | 817 | 817 | 0.03 | 0.01 | — | 819 |
| Dust From Material Movement | — | — | — | — | — | — | 0.06 | 0.06 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | 2.13 | 2.09 | 0.41 | 4.91 | 0.00 | 0.00 | 0.09 | 0.09 | 0.00 | 0.02 | 0.02 | — | 197 | 197 | 0.10 | 0.05 | 0.37 | 215 |
| Vendor | 0.18 | 0.14 | 2.79 | 1.90 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 474 | 474 | 0.03 | 0.07 | 0.54 | 497 |
| Hauling | 0.04 | 0.03 | 0.55 | 0.40 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 90.7 | 90.7 | 0.01 | 0.01 | 0.07 | 95.2 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.83 | 1.77 | 0.49 | 6.76 | 0.00 | 0.00 | 0.09 | 0.09 | 0.00 | 0.02 | 0.02 | — | 188 | 188 | 0.13 | 0.05 | 0.01 | 206 |
| Vendor | 0.16 | 0.13 | 2.95 | 2.01 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 481 | 481 | 0.03 | 0.07 | 0.01 | 503 |
| Hauling | 0.03 | 0.02 | 0.59 | 0.41 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 92.5 | 92.5 | 0.01 | 0.01 | < 0.005 | 97.1 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.67 | 0.65 | 0.16 | 2.01 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 68.1 | 68.1 | 0.04 | 0.02 | 0.06 | 74.5 |
| Vendor | 0.06 | 0.05 | 1.03 | 0.70 | < 0.005 | < 0.005 | 0.66 | 0.66 | < 0.005 | 0.07 | 0.07 | — | 172 | 172 | 0.01 | 0.03 | 0.08 | 180 |
| Hauling | 0.01 | 0.01 | 0.20 | 0.15 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.01 | 0.01 | — | 32.9 | 32.9 | < 0.005 | 0.01 | 0.01 | 34.5 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.12 | 0.12 | 0.03 | 0.37 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 11.3 | 11.3 | 0.01 | < 0.005 | 0.01 | 12.3 |
| Vendor | 0.01 | 0.01 | 0.19 | 0.13 | < 0.005 | < 0.005 | 0.12 | 0.12 | < 0.005 | 0.01 | 0.01 | — | 28.4 | 28.4 | < 0.005 | < 0.005 | 0.01 | 29.8 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 5.45 | 5.45 | < 0.005 | < 0.005 | < 0.005 | 5.72 |

## 3.2. Site Preparation (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.27 | 1.27 | 6.59 | 72.1 | 0.12 | 0.25 | — | 0.25 | 0.25 | — | 0.25 | — | 13,375 | 13,375 | 0.54 | 0.11 | — | 13,421 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.27 | 1.27 | 6.59 | 72.1 | 0.12 | 0.25 | — | 0.25 | 0.25 | — | 0.25 | — | 13,375 | 13,375 | 0.54 | 0.11 | — | 13,421 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.46 | 0.46 | 2.37 | 25.9 | 0.04 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 4,816 | 4,816 | 0.20 | 0.04 | — | 4,833 |
| Dust From Material Movement | — | — | — | — | — | — | 0.34 | 0.34 | — | 0.04 | 0.04 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.08 | 0.43 | 4.74 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 797 | 797 | 0.03 | 0.01 | — | 800 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dust From Material Movement | — | — | — | — | — | — | 0.06 | 0.06 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.13 | 2.09 | 0.41 | 4.91 | 0.00 | 0.00 | 0.09 | 0.09 | 0.00 | 0.02 | 0.02 | — | 197 | 197 | 0.10 | 0.05 | 0.37 | 215 |
| Vendor | 0.18 | 0.14 | 2.79 | 1.90 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 474 | 474 | 0.03 | 0.07 | 0.54 | 497 |
| Hauling | 0.04 | 0.03 | 0.55 | 0.40 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 90.7 | 90.7 | 0.01 | 0.01 | 0.07 | 95.2 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.83 | 1.77 | 0.49 | 6.76 | 0.00 | 0.00 | 0.09 | 0.09 | 0.00 | 0.02 | 0.02 | — | 188 | 188 | 0.13 | 0.05 | 0.01 | 206 |
| Vendor | 0.16 | 0.13 | 2.95 | 2.01 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 481 | 481 | 0.03 | 0.07 | 0.01 | 503 |
| Hauling | 0.03 | 0.02 | 0.59 | 0.41 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 92.5 | 92.5 | 0.01 | 0.01 | < 0.005 | 97.1 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.67 | 0.65 | 0.16 | 2.01 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 68.1 | 68.1 | 0.04 | 0.02 | 0.06 | 74.5 |
| Vendor | 0.06 | 0.05 | 1.03 | 0.70 | < 0.005 | < 0.005 | 0.66 | 0.66 | < 0.005 | 0.07 | 0.07 | — | 172 | 172 | 0.01 | 0.03 | 0.08 | 180 |
| Hauling | 0.01 | 0.01 | 0.20 | 0.15 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.01 | 0.01 | — | 32.9 | 32.9 | < 0.005 | 0.01 | 0.01 | 34.5 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.12 | 0.12 | 0.03 | 0.37 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 11.3 | 11.3 | 0.01 | < 0.005 | 0.01 | 12.3 |
| Vendor | 0.01 | 0.01 | 0.19 | 0.13 | < 0.005 | < 0.005 | 0.12 | 0.12 | < 0.005 | 0.01 | 0.01 | — | 28.4 | 28.4 | < 0.005 | < 0.005 | 0.01 | 29.8 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 5.45 | 5.45 | < 0.005 | < 0.005 | < 0.005 | 5.72 |

## 3.3. Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 9.67 | 8.12 | 64.3 | 48.0 | 0.13 | 3.35 | — | 3.35 | 3.08 | — | 3.08 | — | 13,702 | 13,702 | 0.56 | 0.11 | — | 13,749 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 9.67 | 8.12 | 64.3 | 48.0 | 0.13 | 3.35 | — | 3.35 | 3.08 | — | 3.08 | — | 13,702 | 13,702 | 0.56 | 0.11 | — | 13,749 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.27 | 1.91 | 15.1 | 11.3 | 0.03 | 0.79 | — | 0.79 | 0.72 | — | 0.72 | — | 3,218 | 3,218 | 0.13 | 0.03 | — | 3,229 |
| Dust From Material Movement | — | — | — | — | — | — | 0.22 | 0.22 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.41 | 0.35 | 2.76 | 2.06 | 0.01 | 0.14 | — | 0.14 | 0.13 | — | 0.13 | — | 533 | 533 | 0.02 | < 0.005 | — | 535 |
| Dust From Material Movement | — | — | — | — | — | — | 0.04 | 0.04 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.95 | 1.91 | 0.39 | 4.54 | 0.00 | 0.00 | 0.09 | 0.09 | 0.00 | 0.02 | 0.02 | — | 192 | 192 | 0.08 | 0.04 | 0.34 | 206 |
| Vendor | 0.18 | 0.14 | 2.76 | 1.88 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 465 | 465 | 0.03 | 0.07 | 0.50 | 487 |
| Hauling | 0.04 | 0.03 | 0.55 | 0.40 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 88.9 | 88.9 | 0.01 | 0.01 | 0.07 | 93.3 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.70 | 1.64 | 0.45 | 6.25 | 0.00 | 0.00 | 0.09 | 0.09 | 0.00 | 0.02 | 0.02 | — | 184 | 184 | 0.12 | 0.05 | 0.01 | 201 |
| Vendor | 0.16 | 0.12 | 2.92 | 1.98 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 472 | 472 | 0.03 | 0.07 | 0.01 | 494 |
| Hauling | 0.03 | 0.02 | 0.58 | 0.41 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 90.6 | 90.6 | 0.01 | 0.01 | < 0.005 | 95.0 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.41 | 0.39 | 0.10 | 1.21 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 43.4 | 43.4 | 0.02 | 0.01 | 0.03 | 47.6 |
| Vendor | 0.04 | 0.03 | 0.67 | 0.45 | < 0.005 | < 0.005 | 0.43 | 0.43 | < 0.005 | 0.05 | 0.05 | — | 110 | 110 | 0.01 | 0.02 | 0.05 | 115 |
| Hauling | 0.01 | 0.01 | 0.13 | 0.09 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 21.0 | 21.0 | < 0.005 | < 0.005 | 0.01 | 22.1 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.07 | 0.02 | 0.22 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 7.19 | 7.19 | < 0.005 | < 0.005 | 0.01 | 7.88 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.01 | 0.01 | 0.12 | 0.08 | < 0.005 | < 0.005 | 0.08 | 0.08 | < 0.005 | 0.01 | 0.01 | — | 18.2 | 18.2 | < 0.005 | < 0.005 | 0.01 | 19.1 |
| Hauling | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 3.48 | 3.48 | < 0.005 | < 0.005 | < 0.005 | 3.66 |

## 3.4. Site Preparation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.27 | 1.27 | 6.59 | 72.1 | 0.12 | 0.25 | — | 0.25 | 0.25 | — | 0.25 | — | 13,380 | 13,380 | 0.54 | 0.11 | — | 13,426 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.27 | 1.27 | 6.59 | 72.1 | 0.12 | 0.25 | — | 0.25 | 0.25 | — | 0.25 | — | 13,380 | 13,380 | 0.54 | 0.11 | — | 13,426 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 0.30 | 0.30 | 1.55 | 16.9 | 0.03 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 3,142 | 3,142 | 0.13 | 0.03 | — | 3,153 |
| Dust From Material Movement | — | — | — | — | — | — | 0.22 | 0.22 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Roa d Equipm ent | 0.05 | 0.05 | 0.28 | 3.09 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 520 | 520 | 0.02 | < 0.005 | — | 522 |
| Dust From Material Movement | — | — | — | — | — | — | 0.04 | 0.04 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.95 | 1.91 | 0.39 | 4.54 | 0.00 | 0.00 | 0.09 | 0.09 | 0.00 | 0.02 | 0.02 | — | 192 | 192 | 0.08 | 0.04 | 0.34 | 206 |
| Vendor | 0.18 | 0.14 | 2.76 | 1.88 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 465 | 465 | 0.03 | 0.07 | 0.50 | 487 |
| Hauling | 0.04 | 0.03 | 0.55 | 0.40 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 88.9 | 88.9 | 0.01 | 0.01 | 0.07 | 93.3 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.70 | 1.64 | 0.45 | 6.25 | 0.00 | 0.00 | 0.09 | 0.09 | 0.00 | 0.02 | 0.02 | — | 184 | 184 | 0.12 | 0.05 | 0.01 | 201 |
| Vendor | 0.16 | 0.12 | 2.92 | 1.98 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 472 | 472 | 0.03 | 0.07 | 0.01 | 494 |
| Hauling | 0.03 | 0.02 | 0.58 | 0.41 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 90.6 | 90.6 | 0.01 | 0.01 | < 0.005 | 95.0 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.41 | 0.39 | 0.10 | 1.21 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 43.4 | 43.4 | 0.02 | 0.01 | 0.03 | 47.6 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.04 | 0.03 | 0.67 | 0.45 | < 0.005 | < 0.005 | 0.43 | 0.43 | < 0.005 | 0.05 | 0.05 | — | 110 | 110 | 0.01 | 0.02 | 0.05 | 115 |
| Hauling | 0.01 | 0.01 | 0.13 | 0.09 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 21.0 | 21.0 | < 0.005 | < 0.005 | 0.01 | 22.1 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.07 | 0.02 | 0.22 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 7.19 | 7.19 | < 0.005 | < 0.005 | 0.01 | 7.88 |
| Vendor | 0.01 | 0.01 | 0.12 | 0.08 | < 0.005 | < 0.005 | 0.08 | 0.08 | < 0.005 | 0.01 | 0.01 | — | 18.2 | 18.2 | < 0.005 | < 0.005 | 0.01 | 19.1 |
| Hauling | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 3.48 | 3.48 | < 0.005 | < 0.005 | < 0.005 | 3.66 |

## 3.5. Tracker Foundations (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 16.2 | 13.6 | 107 | 99.7 | 0.17 | 6.16 | — | 6.16 | 5.67 | — | 5.67 | — | 18,055 | 18,055 | 0.73 | 0.15 | — | 18,117 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 16.2 | 13.6 | 107 | 99.7 | 0.17 | 6.16 | — | 6.16 | 5.67 | — | 5.67 | — | 18,055 | 18,055 | 0.73 | 0.15 | — | 18,117 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | 8.26 | 6.93 | 54.4 | 50.9 | 0.09 | 3.15 | — | 3.15 | 2.90 | — | 2.90 | — | 9,222 | 9,222 | 0.37 | 0.07 | — | 9,253 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.51 | 1.27 | 9.93 | 9.29 | 0.02 | 0.57 | — | 0.57 | 0.53 | — | 0.53 | — | 1,527 | 1,527 | 0.06 | 0.01 | — | 1,532 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.87 | 4.78 | 0.97 | 11.3 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 481 | 481 | 0.21 | 0.10 | 0.84 | 515 |
| Vendor | 0.18 | 0.14 | 2.76 | 1.88 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 465 | 465 | 0.03 | 0.07 | 0.50 | 487 |
| Hauling | 0.08 | 0.06 | 1.19 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 193 | 193 | 0.01 | 0.03 | 0.15 | 203 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.26 | 4.10 | 1.13 | 15.6 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 458 | 458 | 0.29 | 0.12 | 0.02 | 503 |
| Vendor | 0.16 | 0.12 | 2.92 | 1.98 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 472 | 472 | 0.03 | 0.07 | 0.01 | 494 |
| Hauling | 0.07 | 0.05 | 1.27 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 197 | 197 | 0.01 | 0.03 | < 0.005 | 207 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.22 | 2.14 | 0.53 | 6.58 | 0.00 | 0.00 | 0.12 | 0.12 | 0.00 | 0.03 | 0.03 | — | 236 | 236 | 0.14 | 0.06 | 0.19 | 259 |
| Vendor | 0.08 | 0.07 | 1.45 | 0.98 | < 0.005 | < 0.005 | 0.94 | 0.94 | < 0.005 | 0.10 | 0.10 | — | 239 | 239 | 0.01 | 0.04 | 0.11 | 250 |
| Hauling | 0.04 | 0.03 | 0.62 | 0.45 | < 0.005 | < 0.005 | 0.28 | 0.28 | < 0.005 | 0.03 | 0.03 | — | 99.6 | 99.6 | 0.01 | 0.02 | 0.03 | 105 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.41 | 0.39 | 0.10 | 1.20 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 39.1 | 39.1 | 0.02 | 0.01 | 0.03 | 42.8 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.02 | 0.01 | 0.26 | 0.18 | < 0.005 | < 0.005 | 0.17 | 0.17 | < 0.005 | 0.02 | 0.02 | — | 39.6 | 39.6 | < 0.005 | 0.01 | 0.02 | 41.4 |
| Hauling | 0.01 | 0.01 | 0.11 | 0.08 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.01 | — | 16.5 | 16.5 | < 0.005 | < 0.005 | 0.01 | 17.3 |

## 3.6. Tracker Foundations (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.78 | 1.78 | 15.2 | 113 | 0.17 | 0.34 | — | 0.34 | 0.34 | — | 0.34 | — | 17,815 | 17,815 | 0.72 | 0.14 | — | 17,876 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.78 | 1.78 | 15.2 | 113 | 0.17 | 0.34 | — | 0.34 | 0.34 | — | 0.34 | — | 17,815 | 17,815 | 0.72 | 0.14 | — | 17,876 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.91 | 0.91 | 7.76 | 57.9 | 0.09 | 0.17 | — | 0.17 | 0.17 | — | 0.17 | — | 9,099 | 9,099 | 0.37 | 0.07 | — | 9,130 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 0.17 | 0.17 | 1.42 | 10.6 | 0.02 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 1,506 | 1,506 | 0.06 | 0.01 | — | 1,512 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.87 | 4.78 | 0.97 | 11.3 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 481 | 481 | 0.21 | 0.10 | 0.84 | 515 |
| Vendor | 0.18 | 0.14 | 2.76 | 1.88 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 465 | 465 | 0.03 | 0.07 | 0.50 | 487 |
| Hauling | 0.08 | 0.06 | 1.19 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 193 | 193 | 0.01 | 0.03 | 0.15 | 203 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.26 | 4.10 | 1.13 | 15.6 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 458 | 458 | 0.29 | 0.12 | 0.02 | 503 |
| Vendor | 0.16 | 0.12 | 2.92 | 1.98 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 472 | 472 | 0.03 | 0.07 | 0.01 | 494 |
| Hauling | 0.07 | 0.05 | 1.27 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 197 | 197 | 0.01 | 0.03 | < 0.005 | 207 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.22 | 2.14 | 0.53 | 6.58 | 0.00 | 0.00 | 0.12 | 0.12 | 0.00 | 0.03 | 0.03 | — | 236 | 236 | 0.14 | 0.06 | 0.19 | 259 |
| Vendor | 0.08 | 0.07 | 1.45 | 0.98 | < 0.005 | < 0.005 | 0.94 | 0.94 | < 0.005 | 0.10 | 0.10 | — | 239 | 239 | 0.01 | 0.04 | 0.11 | 250 |
| Hauling | 0.04 | 0.03 | 0.62 | 0.45 | < 0.005 | < 0.005 | 0.28 | 0.28 | < 0.005 | 0.03 | 0.03 | — | 99.6 | 99.6 | 0.01 | 0.02 | 0.03 | 105 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.41 | 0.39 | 0.10 | 1.20 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 39.1 | 39.1 | 0.02 | 0.01 | 0.03 | 42.8 |
| Vendor | 0.02 | 0.01 | 0.26 | 0.18 | < 0.005 | < 0.005 | 0.17 | 0.17 | < 0.005 | 0.02 | 0.02 | — | 39.6 | 39.6 | < 0.005 | 0.01 | 0.02 | 41.4 |
| Hauling | 0.01 | 0.01 | 0.11 | 0.08 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.01 | — | 16.5 | 16.5 | < 0.005 | < 0.005 | 0.01 | 17.3 |

## 3.7. Tracker Foundations (2027) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 15.9 | 13.3 | 103 | 99.5 | 0.17 | 5.97 | — | 5.97 | 5.50 | — | 5.50 | — | 18,055 | 18,055 | 0.73 | 0.15 | — | 18,117 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.77 | 2.32 | 17.9 | 17.3 | 0.03 | 1.04 | — | 1.04 | 0.96 | — | 0.96 | — | 3,145 | 3,145 | 0.13 | 0.03 | — | 3,155 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.51 | 0.42 | 3.27 | 3.16 | 0.01 | 0.19 | — | 0.19 | 0.17 | — | 0.17 | — | 521 | 521 | 0.02 | < 0.005 | — | 522 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.01 | 3.87 | 1.07 | 14.5 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 448 | 448 | 0.26 | 0.12 | 0.02 | 492 |
| Vendor | 0.16 | 0.12 | 2.89 | 1.96 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 463 | 463 | 0.03 | 0.07 | 0.01 | 485 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hauling | 0.07 | 0.05 | 1.26 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 193 | 193 | 0.01 | 0.03 | < 0.005 | 203 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.70 | 0.68 | 0.17 | 2.08 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 | 0.01 | 0.01 | — | 78.7 | 78.7 | 0.04 | 0.02 | 0.06 | 84.7 |
| Vendor | 0.03 | 0.02 | 0.49 | 0.33 | < 0.005 | < 0.005 | 0.32 | 0.32 | < 0.005 | 0.03 | 0.03 | — | 79.9 | 79.9 | 0.01 | 0.01 | 0.03 | 83.8 |
| Hauling | 0.01 | 0.01 | 0.21 | 0.15 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.01 | 0.01 | — | 33.3 | 33.3 | < 0.005 | 0.01 | 0.01 | 34.9 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.13 | 0.12 | 0.03 | 0.38 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 13.0 | 13.0 | 0.01 | < 0.005 | 0.01 | 14.0 |
| Vendor | 0.01 | < 0.005 | 0.09 | 0.06 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 13.2 | 13.2 | < 0.005 | < 0.005 | 0.01 | 13.9 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 5.51 | 5.51 | < 0.005 | < 0.005 | < 0.005 | 5.78 |

## 3.8. Tracker Foundations (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.78 | 1.78 | 15.2 | 113 | 0.17 | 0.34 | — | 0.34 | 0.34 | — | 0.34 | — | 17,815 | 17,815 | 0.72 | 0.14 | — | 17,876 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.31 | 0.31 | 2.65 | 19.7 | 0.03 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 3,103 | 3,103 | 0.13 | 0.03 | — | 3,113 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.06 | 0.06 | 0.48 | 3.60 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 514 | 514 | 0.02 | < 0.005 | — | 515 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.01 | 3.87 | 1.07 | 14.5 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 448 | 448 | 0.26 | 0.12 | 0.02 | 492 |
| Vendor | 0.16 | 0.12 | 2.89 | 1.96 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 463 | 463 | 0.03 | 0.07 | 0.01 | 485 |
| Hauling | 0.07 | 0.05 | 1.26 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 193 | 193 | 0.01 | 0.03 | < 0.005 | 203 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.70 | 0.68 | 0.17 | 2.08 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 | 0.01 | 0.01 | — | 78.7 | 78.7 | 0.04 | 0.02 | 0.06 | 84.7 |
| Vendor | 0.03 | 0.02 | 0.49 | 0.33 | < 0.005 | < 0.005 | 0.32 | 0.32 | < 0.005 | 0.03 | 0.03 | — | 79.9 | 79.9 | 0.01 | 0.01 | 0.03 | 83.8 |
| Hauling | 0.01 | 0.01 | 0.21 | 0.15 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.01 | 0.01 | — | 33.3 | 33.3 | < 0.005 | 0.01 | 0.01 | 34.9 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.13 | 0.12 | 0.03 | 0.38 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 13.0 | 13.0 | 0.01 | < 0.005 | 0.01 | 14.0 |
| Vendor | 0.01 | < 0.005 | 0.09 | 0.06 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 13.2 | 13.2 | < 0.005 | < 0.005 | 0.01 | 13.9 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 5.51 | 5.51 | < 0.005 | < 0.005 | < 0.005 | 5.78 |

## 3.9. Electrical Installation (2029) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.18 | 5.18 | 32.4 | 48.7 | 0.14 | 1.32 | — | 1.32 | 1.21 | — | 1.21 | — | 15,060 | 15,060 | 0.61 | 0.12 | — | 15,111 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.18 | 5.18 | 32.4 | 48.7 | 0.14 | 1.32 | — | 1.32 | 1.21 | — | 1.21 | — | 15,060 | 15,060 | 0.61 | 0.12 | — | 15,111 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.62 | 3.03 | 19.0 | 28.5 | 0.08 | 0.77 | — | 0.77 | 0.71 | — | 0.71 | — | 8,812 | 8,812 | 0.36 | 0.07 | — | 8,842 |
| Architectural Coatings | 0.43 | 0.43 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.66 | 0.55 | 3.46 | 5.20 | 0.02 | 0.14 | — | 0.14 | 0.13 | — | 0.13 | — | 1,459 | 1,459 | 0.06 | 0.01 | — | 1,464 |
| Architectural Coatings | 0.08 | 0.08 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.01 | 3.92 | 0.81 | 9.15 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 452 | 452 | 0.18 | 0.10 | 0.60 | 485 |
| Vendor | 0.16 | 0.13 | 2.63 | 1.81 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 437 | 437 | 0.03 | 0.07 | 0.35 | 459 |
| Hauling | 0.08 | 0.06 | 1.16 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 182 | 182 | 0.01 | 0.03 | 0.12 | 191 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 3.51 | 3.39 | 0.93 | 12.6 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 429 | 429 | 0.24 | 0.10 | 0.02 | 464 |
| Vendor | 0.15 | 0.11 | 2.80 | 1.91 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 444 | 444 | 0.03 | 0.07 | 0.01 | 466 |
| Hauling | 0.07 | 0.05 | 1.24 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 185 | 185 | 0.01 | 0.03 | < 0.005 | 195 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.07 | 2.02 | 0.49 | 6.08 | 0.00 | 0.00 | 0.14 | 0.14 | 0.00 | 0.03 | 0.03 | — | 254 | 254 | 0.12 | 0.06 | 0.15 | 273 |
| Vendor | 0.09 | 0.07 | 1.58 | 1.09 | < 0.005 | < 0.005 | 1.07 | 1.07 | < 0.005 | 0.11 | 0.11 | — | 257 | 257 | 0.02 | 0.04 | 0.09 | 270 |
| Hauling | 0.04 | 0.03 | 0.70 | 0.51 | < 0.005 | < 0.005 | 0.32 | 0.32 | < 0.005 | 0.03 | 0.03 | — | 107 | 107 | 0.01 | 0.02 | 0.03 | 112 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.38 | 0.37 | 0.09 | 1.11 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 42.0 | 42.0 | 0.02 | 0.01 | 0.02 | 45.3 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.02 | 0.01 | 0.29 | 0.20 | < 0.005 | < 0.005 | 0.20 | 0.20 | < 0.005 | 0.02 | 0.02 | — | 42.6 | 42.6 | < 0.005 | 0.01 | 0.01 | 44.7 |
| Hauling | 0.01 | 0.01 | 0.13 | 0.09 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 17.7 | 17.7 | < 0.005 | < 0.005 | < 0.005 | 18.6 |

## 3.10. Electrical Installation (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.36 | 7.05 | 76.7 | 0.13 | 0.27 | — | 0.27 | 0.27 | — | 0.27 | — | 14,339 | 14,339 | 0.58 | 0.12 | — | 14,389 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.36 | 7.05 | 76.7 | 0.13 | 0.27 | — | 0.27 | 0.27 | — | 0.27 | — | 14,339 | 14,339 | 0.58 | 0.12 | — | 14,389 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 0.79 | 0.79 | 4.13 | 44.9 | 0.08 | 0.16 | — | 0.16 | 0.16 | — | 0.16 | — | 8,390 | 8,390 | 0.34 | 0.07 | — | 8,419 |
| Architectural Coatings | 0.43 | 0.43 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.14 | 0.14 | 0.75 | 8.19 | 0.01 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 1,389 | 1,389 | 0.06 | 0.01 | — | 1,394 |
| Architectural Coatings | 0.08 | 0.08 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.01 | 3.92 | 0.81 | 9.15 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 452 | 452 | 0.18 | 0.10 | 0.60 | 485 |
| Vendor | 0.16 | 0.13 | 2.63 | 1.81 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 437 | 437 | 0.03 | 0.07 | 0.35 | 459 |
| Hauling | 0.08 | 0.06 | 1.16 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 182 | 182 | 0.01 | 0.03 | 0.12 | 191 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 3.51 | 3.39 | 0.93 | 12.6 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 429 | 429 | 0.24 | 0.10 | 0.02 | 464 |
| Vendor | 0.15 | 0.11 | 2.80 | 1.91 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 444 | 444 | 0.03 | 0.07 | 0.01 | 466 |
| Hauling | 0.07 | 0.05 | 1.24 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 185 | 185 | 0.01 | 0.03 | < 0.005 | 195 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.07 | 2.02 | 0.49 | 6.08 | 0.00 | 0.00 | 0.14 | 0.14 | 0.00 | 0.03 | 0.03 | — | 254 | 254 | 0.12 | 0.06 | 0.15 | 273 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.09 | 0.07 | 1.58 | 1.09 | < 0.005 | < 0.005 | 1.07 | 1.07 | < 0.005 | 0.11 | 0.11 | — | 257 | 257 | 0.02 | 0.04 | 0.09 | 270 |
| Hauling | 0.04 | 0.03 | 0.70 | 0.51 | < 0.005 | < 0.005 | 0.32 | 0.32 | < 0.005 | 0.03 | 0.03 | — | 107 | 107 | 0.01 | 0.02 | 0.03 | 112 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.38 | 0.37 | 0.09 | 1.11 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 42.0 | 42.0 | 0.02 | 0.01 | 0.02 | 45.3 |
| Vendor | 0.02 | 0.01 | 0.29 | 0.20 | < 0.005 | < 0.005 | 0.20 | 0.20 | < 0.005 | 0.02 | 0.02 | — | 42.6 | 42.6 | < 0.005 | 0.01 | 0.01 | 44.7 |
| Hauling | 0.01 | 0.01 | 0.13 | 0.09 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 17.7 | 17.7 | < 0.005 | < 0.005 | < 0.005 | 18.6 |

## 3.11. Electrical Installation (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.05 | 5.07 | 31.0 | 48.5 | 0.14 | 1.26 | — | 1.26 | 1.16 | — | 1.16 | — | 15,060 | 15,060 | 0.61 | 0.12 | — | 15,111 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.05 | 5.07 | 31.0 | 48.5 | 0.14 | 1.26 | — | 1.26 | 1.16 | — | 1.16 | — | 15,060 | 15,060 | 0.61 | 0.12 | — | 15,111 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.00 | 1.68 | 10.3 | 16.1 | 0.05 | 0.42 | — | 0.42 | 0.38 | — | 0.38 | — | 4,981 | 4,981 | 0.20 | 0.04 | — | 4,998 |
| Architectural Coatings | 0.24 | 0.24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.37 | 0.31 | 1.87 | 2.93 | 0.01 | 0.08 | — | 0.08 | 0.07 | — | 0.07 | — | 825 | 825 | 0.03 | 0.01 | — | 827 |
| Architectural Coatings | 0.04 | 0.04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 3.72 | 3.65 | 0.74 | 8.56 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 443 | 443 | 0.18 | 0.09 | 0.53 | 474 |
| Vendor | 0.16 | 0.13 | 2.59 | 1.81 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 428 | 428 | 0.03 | 0.06 | 0.30 | 448 |
| Hauling | 0.08 | 0.06 | 1.14 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 178 | 178 | 0.01 | 0.03 | 0.11 | 187 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 3.31 | 3.18 | 0.87 | 11.7 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 421 | 421 | 0.24 | 0.10 | 0.01 | 455 |
| Vendor | 0.15 | 0.11 | 2.76 | 1.89 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 435 | 435 | 0.03 | 0.07 | 0.01 | 456 |
| Hauling | 0.07 | 0.05 | 1.23 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 182 | 182 | 0.01 | 0.03 | < 0.005 | 190 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.10 | 1.07 | 0.27 | 3.21 | 0.00 | 0.00 | 0.08 | 0.08 | 0.00 | 0.02 | 0.02 | — | 141 | 141 | 0.07 | 0.03 | 0.08 | 152 |
| Vendor | 0.05 | 0.04 | 0.88 | 0.61 | < 0.005 | < 0.005 | 0.61 | 0.61 | < 0.005 | 0.06 | 0.06 | — | 142 | 142 | 0.01 | 0.02 | 0.04 | 150 |
| Hauling | 0.02 | 0.02 | 0.39 | 0.29 | < 0.005 | < 0.005 | 0.18 | 0.18 | < 0.005 | 0.02 | 0.02 | — | 59.4 | 59.4 | < 0.005 | 0.01 | 0.02 | 62.3 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.20 | 0.20 | 0.05 | 0.59 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 23.3 | 23.3 | 0.01 | 0.01 | 0.01 | 25.1 |
| Vendor | 0.01 | 0.01 | 0.16 | 0.11 | < 0.005 | < 0.005 | 0.11 | 0.11 | < 0.005 | 0.01 | 0.01 | — | 23.6 | 23.6 | < 0.005 | < 0.005 | 0.01 | 24.8 |
| Hauling | < 0.005 | < 0.005 | 0.07 | 0.05 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | < 0.005 | < 0.005 | — | 9.84 | 9.84 | < 0.005 | < 0.005 | < 0.005 | 10.3 |

## 3.12. Electrical Installation (2030) - Mitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.36 | 7.05 | 76.7 | 0.13 | 0.27 | — | 0.27 | 0.27 | — | 0.27 | — | 14,339 | 14,339 | 0.58 | 0.12 | — | 14,389 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.36 | 7.05 | 76.7 | 0.13 | 0.27 | — | 0.27 | 0.27 | — | 0.27 | — | 14,339 | 14,339 | 0.58 | 0.12 | — | 14,389 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.45 | 0.45 | 2.33 | 25.4 | 0.04 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 4,742 | 4,742 | 0.19 | 0.04 | — | 4,759 |
| Architectural Coatings | 0.24 | 0.24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.08 | 0.43 | 4.63 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 785 | 785 | 0.03 | 0.01 | — | 788 |
| Architectural Coatings | 0.04 | 0.04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 3.72 | 3.65 | 0.74 | 8.56 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 443 | 443 | 0.18 | 0.09 | 0.53 | 474 |
| Vendor | 0.16 | 0.13 | 2.59 | 1.81 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 428 | 428 | 0.03 | 0.06 | 0.30 | 448 |
| Hauling | 0.08 | 0.06 | 1.14 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 178 | 178 | 0.01 | 0.03 | 0.11 | 187 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 3.31 | 3.18 | 0.87 | 11.7 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 421 | 421 | 0.24 | 0.10 | 0.01 | 455 |
| Vendor | 0.15 | 0.11 | 2.76 | 1.89 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 435 | 435 | 0.03 | 0.07 | 0.01 | 456 |
| Hauling | 0.07 | 0.05 | 1.23 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 182 | 182 | 0.01 | 0.03 | < 0.005 | 190 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.10 | 1.07 | 0.27 | 3.21 | 0.00 | 0.00 | 0.08 | 0.08 | 0.00 | 0.02 | 0.02 | — | 141 | 141 | 0.07 | 0.03 | 0.08 | 152 |
| Vendor | 0.05 | 0.04 | 0.88 | 0.61 | < 0.005 | < 0.005 | 0.61 | 0.61 | < 0.005 | 0.06 | 0.06 | — | 142 | 142 | 0.01 | 0.02 | 0.04 | 150 |
| Hauling | 0.02 | 0.02 | 0.39 | 0.29 | < 0.005 | < 0.005 | 0.18 | 0.18 | < 0.005 | 0.02 | 0.02 | — | 59.4 | 59.4 | < 0.005 | 0.01 | 0.02 | 62.3 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.20 | 0.20 | 0.05 | 0.59 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 23.3 | 23.3 | 0.01 | 0.01 | 0.01 | 25.1 |
| Vendor | 0.01 | 0.01 | 0.16 | 0.11 | < 0.005 | < 0.005 | 0.11 | 0.11 | < 0.005 | 0.01 | 0.01 | — | 23.6 | 23.6 | < 0.005 | < 0.005 | 0.01 | 24.8 |
| Hauling | < 0.005 | < 0.005 | 0.07 | 0.05 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | < 0.005 | < 0.005 | — | 9.84 | 9.84 | < 0.005 | < 0.005 | < 0.005 | 10.3 |

## 3.13. Mechanical Installation (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road | 12.8 | 10.6 | 81.7 | 108 | 0.23 | 2.48 | — | 2.48 | 2.28 | — | 2.28 | — | 21,174 | 21,174 | 0.86 | 0.17 | — | 21,246 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 12.8 | 10.6 | 81.7 | 108 | 0.23 | 2.48 | — | 2.48 | 2.28 | — | 2.28 | — | 21,174 | 21,174 | 0.86 | 0.17 | — | 21,246 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 8.13 | 6.77 | 52.1 | 68.9 | 0.15 | 1.58 | — | 1.58 | 1.46 | — | 1.46 | — | 13,508 | 13,508 | 0.55 | 0.11 | — | 13,555 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.48 | 1.24 | 9.51 | 12.6 | 0.03 | 0.29 | — | 0.29 | 0.27 | — | 0.27 | — | 2,236 | 2,236 | 0.09 | 0.02 | — | 2,244 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.31 | 4.22 | 0.84 | 9.82 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 461 | 461 | 0.18 | 0.10 | 0.67 | 494 |
| Vendor | 0.17 | 0.13 | 2.69 | 1.83 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 446 | 446 | 0.03 | 0.07 | 0.40 | 469 |
| Hauling | 0.08 | 0.06 | 1.17 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 185 | 185 | 0.01 | 0.03 | 0.13 | 194 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 3.75 | 3.62 | 1.00 | 13.5 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 438 | 438 | 0.26 | 0.12 | 0.02 | 482 |
| Vendor | 0.15 | 0.12 | 2.85 | 1.93 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 454 | 454 | 0.03 | 0.07 | 0.01 | 475 |
| Hauling | 0.07 | 0.05 | 1.25 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 189 | 189 | 0.01 | 0.03 | < 0.005 | 198 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.43 | 2.35 | 0.58 | 7.11 | 0.00 | 0.00 | 0.15 | 0.15 | 0.00 | 0.03 | 0.03 | — | 282 | 282 | 0.13 | 0.06 | 0.19 | 304 |
| Vendor | 0.11 | 0.08 | 1.76 | 1.20 | < 0.005 | < 0.005 | 1.17 | 1.17 | < 0.005 | 0.12 | 0.12 | — | 287 | 287 | 0.02 | 0.05 | 0.11 | 301 |
| Hauling | 0.05 | 0.04 | 0.77 | 0.56 | < 0.005 | < 0.005 | 0.34 | 0.35 | < 0.005 | 0.04 | 0.04 | — | 119 | 119 | 0.01 | 0.02 | 0.03 | 125 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.44 | 0.43 | 0.11 | 1.30 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 46.7 | 46.7 | 0.02 | 0.01 | 0.03 | 50.3 |
| Vendor | 0.02 | 0.01 | 0.32 | 0.22 | < 0.005 | < 0.005 | 0.21 | 0.21 | < 0.005 | 0.02 | 0.02 | — | 47.5 | 47.5 | < 0.005 | 0.01 | 0.02 | 49.8 |
| Hauling | 0.01 | 0.01 | 0.14 | 0.10 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | 0.01 | 20.7 |

## 3.14. Mechanical Installation (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.46 | 3.06 | 26.8 | 91.9 | 0.16 | 0.58 | — | 0.58 | 0.55 | — | 0.55 | — | 15,898 | 15,898 | 0.64 | 0.13 | — | 15,953 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 3.46 | 3.06 | 26.8 | 91.9 | 0.16 | 0.58 | — | 0.58 | 0.55 | — | 0.55 | — | 15,898 | 15,898 | 0.64 | 0.13 | — | 15,953 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Roa d Equipm ent | 2.21 | 1.95 | 17.1 | 58.6 | 0.10 | 0.37 | — | 0.37 | 0.35 | — | 0.35 | — | 10,142 | 10,142 | 0.41 | 0.08 | — | 10,177 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Roa d Equipm ent | 0.40 | 0.36 | 3.12 | 10.7 | 0.02 | 0.07 | — | 0.07 | 0.06 | — | 0.06 | — | 1,679 | 1,679 | 0.07 | 0.01 | — | 1,685 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 4.31 | 4.22 | 0.84 | 9.82 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 461 | 461 | 0.18 | 0.10 | 0.67 | 494 |
| Vendor | 0.17 | 0.13 | 2.69 | 1.83 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 446 | 446 | 0.03 | 0.07 | 0.40 | 469 |
| Hauling | 0.08 | 0.06 | 1.17 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 185 | 185 | 0.01 | 0.03 | 0.13 | 194 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 3.75 | 3.62 | 1.00 | 13.5 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 438 | 438 | 0.26 | 0.12 | 0.02 | 482 |
| Vendor | 0.15 | 0.12 | 2.85 | 1.93 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 454 | 454 | 0.03 | 0.07 | 0.01 | 475 |
| Hauling | 0.07 | 0.05 | 1.25 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 189 | 189 | 0.01 | 0.03 | < 0.005 | 198 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | 2.43 | 2.35 | 0.58 | 7.11 | 0.00 | 0.00 | 0.15 | 0.15 | 0.00 | 0.03 | 0.03 | — | 282 | 282 | 0.13 | 0.06 | 0.19 | 304 |
| Vendor | 0.11 | 0.08 | 1.76 | 1.20 | < 0.005 | < 0.005 | 1.17 | 1.17 | < 0.005 | 0.12 | 0.12 | — | 287 | 287 | 0.02 | 0.05 | 0.11 | 301 |
| Hauling | 0.05 | 0.04 | 0.77 | 0.56 | < 0.005 | < 0.005 | 0.34 | 0.35 | < 0.005 | 0.04 | 0.04 | — | 119 | 119 | 0.01 | 0.02 | 0.03 | 125 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.44 | 0.43 | 0.11 | 1.30 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 46.7 | 46.7 | 0.02 | 0.01 | 0.03 | 50.3 |
| Vendor | 0.02 | 0.01 | 0.32 | 0.22 | < 0.005 | < 0.005 | 0.21 | 0.21 | < 0.005 | 0.02 | 0.02 | — | 47.5 | 47.5 | < 0.005 | 0.01 | 0.02 | 49.8 |
| Hauling | 0.01 | 0.01 | 0.14 | 0.10 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | 0.01 | 20.7 |

## 3.15. Mechanical Installation (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 11.5 | 9.53 | 74.6 | 107 | 0.23 | 1.79 | — | 1.79 | 1.65 | — | 1.65 | — | 21,175 | 21,175 | 0.86 | 0.17 | — | 21,248 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.84 | 1.53 | 12.0 | 17.2 | 0.04 | 0.29 | — | 0.29 | 0.26 | — | 0.26 | — | 3,398 | 3,398 | 0.14 | 0.03 | — | 3,410 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 0.34 | 0.28 | 2.19 | 3.13 | 0.01 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 563 | 563 | 0.02 | < 0.005 | — | 565 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 3.51 | 3.39 | 0.93 | 12.6 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 429 | 429 | 0.24 | 0.10 | 0.02 | 464 |
| Vendor | 0.15 | 0.11 | 2.80 | 1.91 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 444 | 444 | 0.03 | 0.07 | 0.01 | 466 |
| Hauling | 0.07 | 0.05 | 1.24 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 185 | 185 | 0.01 | 0.03 | < 0.005 | 195 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.57 | 0.55 | 0.13 | 1.67 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 | 0.01 | 0.01 | — | 69.5 | 69.5 | 0.03 | 0.02 | 0.04 | 75.0 |
| Vendor | 0.03 | 0.02 | 0.43 | 0.30 | < 0.005 | < 0.005 | 0.29 | 0.29 | < 0.005 | 0.03 | 0.03 | — | 70.6 | 70.6 | < 0.005 | 0.01 | 0.02 | 74.1 |
| Hauling | 0.01 | 0.01 | 0.19 | 0.14 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.01 | 0.01 | — | 29.4 | 29.4 | < 0.005 | < 0.005 | 0.01 | 30.8 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.10 | 0.10 | 0.02 | 0.30 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 11.5 | 11.5 | 0.01 | < 0.005 | 0.01 | 12.4 |
| Vendor | < 0.005 | < 0.005 | 0.08 | 0.05 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.01 | — | 11.7 | 11.7 | < 0.005 | < 0.005 | < 0.005 | 12.3 |
| Hauling | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 4.87 | 4.87 | < 0.005 | < 0.005 | < 0.005 | 5.10 |

## 3.16. Mechanical Installation (2029) - Mitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.32 | 2.94 | 26.5 | 91.7 | 0.16 | 0.52 | — | 0.52 | 0.50 | — | 0.50 | — | 15,900 | 15,900 | 0.64 | 0.13 | — | 15,954 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.53 | 0.47 | 4.25 | 14.7 | 0.03 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 2,551 | 2,551 | 0.10 | 0.02 | — | 2,560 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.10 | 0.09 | 0.78 | 2.69 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 422 | 422 | 0.02 | < 0.005 | — | 424 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 3.51 | 3.39 | 0.93 | 12.6 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 429 | 429 | 0.24 | 0.10 | 0.02 | 464 |
| Vendor | 0.15 | 0.11 | 2.80 | 1.91 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 444 | 444 | 0.03 | 0.07 | 0.01 | 466 |
| Hauling | 0.07 | 0.05 | 1.24 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 185 | 185 | 0.01 | 0.03 | < 0.005 | 195 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | 0.57 | 0.55 | 0.13 | 1.67 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 | 0.01 | 0.01 | — | 69.5 | 69.5 | 0.03 | 0.02 | 0.04 | 75.0 |
| Vendor | 0.03 | 0.02 | 0.43 | 0.30 | < 0.005 | < 0.005 | 0.29 | 0.29 | < 0.005 | 0.03 | 0.03 | — | 70.6 | 70.6 | < 0.005 | 0.01 | 0.02 | 74.1 |
| Hauling | 0.01 | 0.01 | 0.19 | 0.14 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.01 | 0.01 | — | 29.4 | 29.4 | < 0.005 | < 0.005 | 0.01 | 30.8 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.10 | 0.10 | 0.02 | 0.30 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 11.5 | 11.5 | 0.01 | < 0.005 | 0.01 | 12.4 |
| Vendor | < 0.005 | < 0.005 | 0.08 | 0.05 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.01 | — | 11.7 | 11.7 | < 0.005 | < 0.005 | < 0.005 | 12.3 |
| Hauling | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 4.87 | 4.87 | < 0.005 | < 0.005 | < 0.005 | 5.10 |

## 3.17. Underground Cabling (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 8.06 | 6.77 | 49.9 | 36.5 | 0.11 | 2.72 | — | 2.72 | 2.50 | — | 2.50 | — | 11,429 | 11,429 | 0.46 | 0.09 | — | 11,468 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 8.06 | 6.77 | 49.9 | 36.5 | 0.11 | 2.72 | — | 2.72 | 2.50 | — | 2.50 | — | 11,429 | 11,429 | 0.46 | 0.09 | — | 11,468 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road | 4.61 | 3.87 | 28.5 | 20.9 | 0.06 | 1.55 | — | 1.55 | 1.43 | — | 1.43 | — | 6,531 | 6,531 | 0.26 | 0.05 | — | 6,553 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.84 | 0.71 | 5.21 | 3.81 | 0.01 | 0.28 | — | 0.28 | 0.26 | — | 0.26 | — | 1,081 | 1,081 | 0.04 | 0.01 | — | 1,085 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.34 | 0.33 | 0.07 | 0.79 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 35.3 | 35.3 | 0.02 | 0.01 | 0.06 | 37.8 |
| Vendor | 0.18 | 0.14 | 2.73 | 1.85 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 456 | 456 | 0.03 | 0.07 | 0.44 | 478 |
| Hauling | 0.02 | 0.02 | 0.32 | 0.23 | < 0.005 | < 0.005 | 0.15 | 0.15 | < 0.005 | 0.02 | 0.02 | — | 51.2 | 51.2 | < 0.005 | 0.01 | 0.04 | 53.8 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.30 | 0.29 | 0.08 | 1.08 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 33.6 | 33.6 | 0.02 | 0.01 | < 0.005 | 36.9 |
| Vendor | 0.16 | 0.12 | 2.89 | 1.96 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 463 | 463 | 0.03 | 0.07 | 0.01 | 485 |
| Hauling | 0.02 | 0.01 | 0.34 | 0.24 | < 0.005 | < 0.005 | 0.15 | 0.15 | < 0.005 | 0.02 | 0.02 | — | 52.2 | 52.2 | < 0.005 | 0.01 | < 0.005 | 54.7 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.17 | 0.17 | 0.04 | 0.51 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 19.4 | 19.4 | 0.01 | < 0.005 | 0.01 | 20.8 |
| Vendor | 0.09 | 0.07 | 1.60 | 1.09 | < 0.005 | < 0.005 | 1.05 | 1.05 | < 0.005 | 0.11 | 0.11 | — | 262 | 262 | 0.02 | 0.04 | 0.11 | 275 |
| Hauling | 0.01 | 0.01 | 0.19 | 0.13 | < 0.005 | < 0.005 | 0.08 | 0.08 | < 0.005 | 0.01 | 0.01 | — | 29.5 | 29.5 | < 0.005 | < 0.005 | 0.01 | 31.0 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.01 | 0.09 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 3.20 | 3.20 | < 0.005 | < 0.005 | < 0.005 | 3.45 |
| Vendor | 0.02 | 0.01 | 0.29 | 0.20 | < 0.005 | < 0.005 | 0.19 | 0.19 | < 0.005 | 0.02 | 0.02 | — | 43.4 | 43.4 | < 0.005 | 0.01 | 0.02 | 45.5 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hauling | < 0.005 | < 0.005 | 0.03 | 0.02 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 4.88 | 4.88 | < 0.005 | < 0.005 | < 0.005 | 5.13 |

## 3.18. Underground Cabling (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.05 | 1.05 | 5.46 | 56.8 | 0.10 | 0.21 | — | 0.21 | 0.21 | — | 0.21 | — | 11,107 | 11,107 | 0.45 | 0.09 | — | 11,145 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.05 | 1.05 | 5.46 | 56.8 | 0.10 | 0.21 | — | 0.21 | 0.21 | — | 0.21 | — | 11,107 | 11,107 | 0.45 | 0.09 | — | 11,145 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.60 | 0.60 | 3.12 | 32.4 | 0.06 | 0.12 | — | 0.12 | 0.12 | — | 0.12 | — | 6,347 | 6,347 | 0.26 | 0.05 | — | 6,368 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipm | 0.11 | 0.11 | 0.57 | 5.92 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 1,051 | 1,051 | 0.04 | 0.01 | — | 1,054 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.34 | 0.33 | 0.07 | 0.79 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 35.3 | 35.3 | 0.02 | 0.01 | 0.06 | 37.8 |
| Vendor | 0.18 | 0.14 | 2.73 | 1.85 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 456 | 456 | 0.03 | 0.07 | 0.44 | 478 |
| Hauling | 0.02 | 0.02 | 0.32 | 0.23 | < 0.005 | < 0.005 | 0.15 | 0.15 | < 0.005 | 0.02 | 0.02 | — | 51.2 | 51.2 | < 0.005 | 0.01 | 0.04 | 53.8 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.30 | 0.29 | 0.08 | 1.08 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 33.6 | 33.6 | 0.02 | 0.01 | < 0.005 | 36.9 |
| Vendor | 0.16 | 0.12 | 2.89 | 1.96 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 463 | 463 | 0.03 | 0.07 | 0.01 | 485 |
| Hauling | 0.02 | 0.01 | 0.34 | 0.24 | < 0.005 | < 0.005 | 0.15 | 0.15 | < 0.005 | 0.02 | 0.02 | — | 52.2 | 52.2 | < 0.005 | 0.01 | < 0.005 | 54.7 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.17 | 0.17 | 0.04 | 0.51 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 19.4 | 19.4 | 0.01 | < 0.005 | 0.01 | 20.8 |
| Vendor | 0.09 | 0.07 | 1.60 | 1.09 | < 0.005 | < 0.005 | 1.05 | 1.05 | < 0.005 | 0.11 | 0.11 | — | 262 | 262 | 0.02 | 0.04 | 0.11 | 275 |
| Hauling | 0.01 | 0.01 | 0.19 | 0.13 | < 0.005 | < 0.005 | 0.08 | 0.08 | < 0.005 | 0.01 | 0.01 | — | 29.5 | 29.5 | < 0.005 | < 0.005 | 0.01 | 31.0 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.01 | 0.09 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 3.20 | 3.20 | < 0.005 | < 0.005 | < 0.005 | 3.45 |
| Vendor | 0.02 | 0.01 | 0.29 | 0.20 | < 0.005 | < 0.005 | 0.19 | 0.19 | < 0.005 | 0.02 | 0.02 | — | 43.4 | 43.4 | < 0.005 | 0.01 | 0.02 | 45.5 |
| Hauling | < 0.005 | < 0.005 | 0.03 | 0.02 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 4.88 | 4.88 | < 0.005 | < 0.005 | < 0.005 | 5.13 |

## 3.19. Underground Cabling (2028) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 8.03 | 6.74 | 48.7 | 36.5 | 0.11 | 2.69 | — | 2.69 | 2.47 | — | 2.47 | — | 11,430 | 11,430 | 0.46 | 0.09 | — | 11,469 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.88 | 0.74 | 5.34 | 4.00 | 0.01 | 0.29 | — | 0.29 | 0.27 | — | 0.27 | — | 1,253 | 1,253 | 0.05 | 0.01 | — | 1,257 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.16 | 0.13 | 0.97 | 0.73 | < 0.005 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 207 | 207 | 0.01 | < 0.005 | — | 208 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.28 | 0.27 | 0.07 | 1.01 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 32.9 | 32.9 | 0.02 | 0.01 | < 0.005 | 36.2 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.15 | 0.12 | 2.85 | 1.93 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 454 | 454 | 0.03 | 0.07 | 0.01 | 475 |
| Hauling | 0.02 | 0.01 | 0.34 | 0.24 | < 0.005 | < 0.005 | 0.15 | 0.15 | < 0.005 | 0.02 | 0.02 | — | 51.1 | 51.1 | < 0.005 | 0.01 | < 0.005 | 53.6 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.01 | 0.09 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 3.63 | 3.63 | < 0.005 | < 0.005 | < 0.005 | 3.91 |
| Vendor | 0.02 | 0.01 | 0.30 | 0.21 | < 0.005 | < 0.005 | 0.20 | 0.20 | < 0.005 | 0.02 | 0.02 | — | 49.2 | 49.2 | < 0.005 | 0.01 | 0.02 | 51.7 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 5.54 | 5.54 | < 0.005 | < 0.005 | < 0.005 | 5.81 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | < 0.005 | 0.02 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 0.60 | 0.60 | < 0.005 | < 0.005 | < 0.005 | 0.65 |
| Vendor | < 0.005 | < 0.005 | 0.06 | 0.04 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | < 0.005 | < 0.005 | — | 8.15 | 8.15 | < 0.005 | < 0.005 | < 0.005 | 8.55 |
| Hauling | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.92 | 0.92 | < 0.005 | < 0.005 | < 0.005 | 0.96 |

## 3.20. Underground Cabling (2028) - Mitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.05 | 1.05 | 5.46 | 56.8 | 0.10 | 0.21 | — | 0.21 | 0.21 | — | 0.21 | — | 11,108 | 11,108 | 0.45 | 0.09 | — | 11,146 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipm | 0.12 | 0.12 | 0.60 | 6.22 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 1,217 | 1,217 | 0.05 | 0.01 | — | 1,222 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.02 | 0.11 | 1.14 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 202 | 202 | 0.01 | < 0.005 | — | 202 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.28 | 0.27 | 0.07 | 1.01 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 32.9 | 32.9 | 0.02 | 0.01 | < 0.005 | 36.2 |
| Vendor | 0.15 | 0.12 | 2.85 | 1.93 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 454 | 454 | 0.03 | 0.07 | 0.01 | 475 |
| Hauling | 0.02 | 0.01 | 0.34 | 0.24 | < 0.005 | < 0.005 | 0.15 | 0.15 | < 0.005 | 0.02 | 0.02 | — | 51.1 | 51.1 | < 0.005 | 0.01 | < 0.005 | 53.6 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.01 | 0.09 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 3.63 | 3.63 | < 0.005 | < 0.005 | < 0.005 | 3.91 |
| Vendor | 0.02 | 0.01 | 0.30 | 0.21 | < 0.005 | < 0.005 | 0.20 | 0.20 | < 0.005 | 0.02 | 0.02 | — | 49.2 | 49.2 | < 0.005 | 0.01 | 0.02 | 51.7 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 5.54 | 5.54 | < 0.005 | < 0.005 | < 0.005 | 5.81 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | < 0.005 | 0.02 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 0.60 | 0.60 | < 0.005 | < 0.005 | < 0.005 | 0.65 |
| Vendor | < 0.005 | < 0.005 | 0.06 | 0.04 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | < 0.005 | < 0.005 | — | 8.15 | 8.15 | < 0.005 | < 0.005 | < 0.005 | 8.55 |
| Hauling | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.92 | 0.92 | < 0.005 | < 0.005 | < 0.005 | 0.96 |

# 4. Operations Emissions Details

## 4.1. Mobile Emissions by Land Use

### 4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.09 | 0.09 | 0.02 | 0.22 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 12.4 | 12.4 | < 0.005 | < 0.005 | 0.01 | 13.3 |
| General Office Building | 0.02 | 0.01 | 0.28 | 0.21 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 43.3 | 43.3 | < 0.005 | 0.01 | 0.03 | 45.5 |
| Total | 0.11 | 0.10 | 0.30 | 0.43 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 55.8 | 55.8 | 0.01 | 0.01 | 0.04 | 58.8 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.08 | 0.08 | 0.02 | 0.30 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 11.8 | 11.8 | 0.01 | < 0.005 | < 0.005 | 12.8 |
| General Office Building | 0.02 | 0.01 | 0.30 | 0.22 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 44.2 | 44.2 | < 0.005 | 0.01 | < 0.005 | 46.4 |
| Total | 0.10 | 0.09 | 0.32 | 0.51 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 56.0 | 56.0 | 0.01 | 0.01 | < 0.005 | 59.1 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.01 | 0.01 | < 0.005 | 0.05 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.97 | 1.97 | < 0.005 | < 0.005 | < 0.005 | 2.12 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | < 0.005 | < 0.005 | 0.05 | 0.04 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 7.24 | 7.24 | < 0.005 | < 0.005 | < 0.005 | 7.59 |
| Total | 0.02 | 0.02 | 0.06 | 0.08 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 9.20 | 9.20 | < 0.005 | < 0.005 | < 0.005 | 9.71 |

### 4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.09 | 0.09 | 0.02 | 0.22 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 12.4 | 12.4 | < 0.005 | < 0.005 | 0.01 | 13.3 |
| General Office Building | 0.02 | 0.01 | 0.28 | 0.21 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 43.3 | 43.3 | < 0.005 | 0.01 | 0.03 | 45.5 |
| Total | 0.11 | 0.10 | 0.30 | 0.43 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 55.8 | 55.8 | 0.01 | 0.01 | 0.04 | 58.8 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.08 | 0.08 | 0.02 | 0.30 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 11.8 | 11.8 | 0.01 | < 0.005 | < 0.005 | 12.8 |
| General Office Building | 0.02 | 0.01 | 0.30 | 0.22 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 44.2 | 44.2 | < 0.005 | 0.01 | < 0.005 | 46.4 |
| Total | 0.10 | 0.09 | 0.32 | 0.51 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 56.0 | 56.0 | 0.01 | 0.01 | < 0.005 | 59.1 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.01 | 0.01 | < 0.005 | 0.05 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.97 | 1.97 | < 0.005 | < 0.005 | < 0.005 | 2.12 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | < 0.005 | < 0.005 | 0.05 | 0.04 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 7.24 | 7.24 | < 0.005 | < 0.005 | < 0.005 | 7.59 |
| Total | 0.02 | 0.02 | 0.06 | 0.08 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 9.20 | 9.20 | < 0.005 | < 0.005 | < 0.005 | 9.71 |

## 4.2. Energy

### 4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 332 | 332 | 0.05 | 0.01 | — | 335 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 41.9 | 41.9 | 0.01 | < 0.005 | — | 42.3 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 332 | 332 | 0.05 | 0.01 | — | 335 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 41.9 | 41.9 | 0.01 | < 0.005 | — | 42.3 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 54.9 | 54.9 | 0.01 | < 0.005 | — | 55.4 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 6.94 | 6.94 | < 0.005 | < 0.005 | — | 7.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 61.8 | 61.8 | 0.01 | < 0.005 | — | 62.4 |

### 4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 332 | 332 | 0.05 | 0.01 | — | 335 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 41.9 | 41.9 | 0.01 | < 0.005 | — | 42.3 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 332 | 332 | 0.05 | 0.01 | — | 335 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 41.9 | 41.9 | 0.01 | < 0.005 | — | 42.3 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 54.9 | 54.9 | 0.01 | < 0.005 | — | 55.4 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 6.94 | 6.94 | < 0.005 | < 0.005 | — | 7.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 61.8 | 61.8 | 0.01 | < 0.005 | — | 62.4 |

### 4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

### 4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

## 4.3. Area Emissions by Source

### 4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 1.14 | 1.14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.07 | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.41 | 0.38 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Total | 1.62 | 1.59 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 1.14 | 1.14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Architectural Coatings | 0.07 | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 1.21 | 1.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 0.21 | 0.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.01 | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.04 | 0.03 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |
| Total | 0.26 | 0.25 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |

### 4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 1.14 | 1.14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.07 | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Landscape Equipm | 0.41 | 0.38 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Total | 1.62 | 1.59 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 1.14 | 1.14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.07 | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 1.21 | 1.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 0.21 | 0.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.01 | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.04 | 0.03 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |
| Total | 0.26 | 0.25 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |

## 4.4. Water Emissions by Land Use

### 4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 3.08 | 3.08 | < 0.005 | < 0.005 | — | 3.12 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 1.25 | 1.25 | 0.78 | < 0.005 | — | 21.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 3.08 | 3.08 | < 0.005 | < 0.005 | — | 3.12 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 1.25 | 1.25 | 0.78 | < 0.005 | — | 21.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.51 | 0.51 | < 0.005 | < 0.005 | — | 0.52 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.21 | 0.21 | 0.13 | < 0.005 | — | 3.57 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.72 | 0.72 | 0.13 | < 0.005 | — | 4.08 |

### 4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 3.08 | 3.08 | < 0.005 | < 0.005 | — | 3.12 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 1.25 | 1.25 | 0.78 | < 0.005 | — | 21.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 3.08 | 3.08 | < 0.005 | < 0.005 | — | 3.12 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 1.25 | 1.25 | 0.78 | < 0.005 | — | 21.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.51 | 0.51 | < 0.005 | < 0.005 | — | 0.52 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.21 | 0.21 | 0.13 | < 0.005 | — | 3.57 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.72 | 0.72 | 0.13 | < 0.005 | — | 4.08 |

## 4.5. Waste Emissions by Land Use

### 4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 33.4 | 0.00 | 33.4 | 3.34 | 0.00 | — | 117 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 1.60 | 0.00 | 1.60 | 0.16 | 0.00 | — | 5.61 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 33.4 | 0.00 | 33.4 | 3.34 | 0.00 | — | 117 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 1.60 | 0.00 | 1.60 | 0.16 | 0.00 | — | 5.61 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 5.53 | 0.00 | 5.53 | 0.55 | 0.00 | — | 19.4 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.27 | 0.00 | 0.27 | 0.03 | 0.00 | — | 0.93 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 5.80 | 0.00 | 5.80 | 0.58 | 0.00 | — | 20.3 |

### 4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 33.4 | 0.00 | 33.4 | 3.34 | 0.00 | — | 117 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 1.60 | 0.00 | 1.60 | 0.16 | 0.00 | — | 5.61 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 33.4 | 0.00 | 33.4 | 3.34 | 0.00 | — | 117 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 1.60 | 0.00 | 1.60 | 0.16 | 0.00 | — | 5.61 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 5.53 | 0.00 | 5.53 | 0.55 | 0.00 | — | 19.4 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.27 | 0.00 | 0.27 | 0.03 | 0.00 | — | 0.93 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 5.80 | 0.00 | 5.80 | 0.58 | 0.00 | — | 20.3 |

## 4.6. Refrigerant Emissions by Land Use

### 4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.01 | 0.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.01 | 0.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.15 | 2.15 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.16 | 2.16 |

### 4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.01 | 0.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.01 | 0.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.15 | 2.15 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.16 | 2.16 |

## 4.7. Offroad Emissions By Equipment Type

### 4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.8. Stationary Emissions By Equipment Type

### 4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.9. User Defined Emissions By Equipment Type

### 4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10. Soil Carbon Accumulation By Vegetation Type

### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

# 5. Activity Data

## 5.1. Construction Schedule

| Phase Name | Phase Type | Start Date | End Date | Days Per Week | Work Days per Phase | Phase Description |
|---|---|---|---|---|---|---|
| Site Preparation | Site Preparation | 7/1/2025 | 4/30/2026 | 5.00 | 218 | Phase 1 |
| Tracker Foundations | Building Construction | 4/15/2026 | 3/30/2027 | 5.00 | 250 | Phase 2 |
| Electrical Installation | Building Construction | 3/8/2029 | 6/18/2030 | 5.00 | 334 | Phase 5 |
| Mechanical Installation | Building Construction | 2/10/2028 | 3/23/2029 | 5.00 | 292 | Phase 4 |
| Underground Cabling | Trenching | 3/15/2027 | 2/25/2028 | 5.00 | 250 | Phase 3 |

## 5.2. Off-Road Equipment

### 5.2.1. Unmitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Site Preparation | Graders | Diesel | Average | 4.00 | 8.00 | 187 | 0.41 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Site Preparation | Off-Highway Trucks | Diesel | Average | 7.00 | 4.00 | 402 | 0.38 |
| Site Preparation | Plate Compactors | Diesel | Average | 3.00 | 8.00 | 24.9 | 0.43 |
| Site Preparation | Rubber Tired Loaders | Diesel | Average | 3.00 | 8.00 | 203 | 0.36 |
| Site Preparation | Rough Terrain Forklifts | Diesel | Average | 4.00 | 8.00 | 130 | 0.40 |
| Site Preparation | Skid Steer Loaders | Diesel | Average | 4.00 | 8.00 | 75.0 | 0.37 |
| Site Preparation | Crawler Tractors | Diesel | Average | 1.00 | 5.00 | 212 | 0.43 |
| Tracker Foundations | Generator Sets | Diesel | Average | 4.00 | 8.00 | 49.9 | 0.74 |
| Tracker Foundations | Air Compressors | Diesel | Average | 1.00 | 8.00 | 49.9 | 0.48 |
| Tracker Foundations | Off-Highway Trucks | Diesel | Average | 7.00 | 4.00 | 402 | 0.38 |
| Tracker Foundations | Other Construction Equipment | Diesel | Average | 1.00 | 2.00 | 172 | 0.42 |
| Tracker Foundations | Rough Terrain Forklifts | Diesel | Average | 7.00 | 8.00 | 100 | 0.40 |
| Tracker Foundations | Rubber Tired Loaders | Diesel | Average | 1.00 | 8.00 | 203 | 0.36 |
| Tracker Foundations | Other General Industrial Equipment | Diesel | Average | 9.00 | 8.00 | 158 | 0.42 |
| Tracker Foundations | Skid Steer Loaders | Diesel | Average | 9.00 | 8.00 | 75.0 | 0.37 |
| Electrical Installation | Air Compressors | Diesel | Average | 3.00 | 8.00 | 49.9 | 0.48 |
| Electrical Installation | Off-Highway Trucks | Diesel | Average | 9.00 | 4.00 | 402 | 0.38 |
| Electrical Installation | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 203 | 0.36 |
| Electrical Installation | Rough Terrain Forklifts | Diesel | Average | 5.00 | 8.00 | 100 | 0.40 |
| Electrical Installation | Trenchers | Diesel | Average | 3.00 | 8.00 | 78.0 | 0.50 |
| Electrical Installation | Excavators | Diesel | Average | 3.00 | 8.00 | 212 | 0.38 |
| Mechanical Installation | Generator Sets | Diesel | Average | 11.0 | 8.00 | 49.9 | 0.74 |
| Mechanical Installation | Air Compressors | Diesel | Average | 20.0 | 8.00 | 49.9 | 0.48 |
| Mechanical Installation | Off-Highway Trucks | Diesel | Average | 8.00 | 4.00 | 402 | 0.38 |
| Mechanical Installation | Other Construction Equipment | Diesel | Average | 1.00 | 2.00 | 172 | 0.42 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mechanical Installation | Rough Terrain Forklifts | Diesel | Average | 9.00 | 8.00 | 100 | 0.40 |
| Mechanical Installation | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 203 | 0.36 |
| Mechanical Installation | Skid Steer Loaders | Diesel | Average | 1.00 | 8.00 | 75.0 | 0.37 |
| Mechanical Installation | Generator Sets | Diesel | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Underground Cabling | Excavators | Diesel | Average | 4.00 | 8.00 | 212 | 0.38 |
| Underground Cabling | Trenchers | Diesel | Average | 1.00 | 8.00 | 300 | 0.50 |
| Underground Cabling | Off-Highway Trucks | Diesel | Average | 7.00 | 4.00 | 402 | 0.38 |
| Underground Cabling | Plate Compactors | Diesel | Average | 3.00 | 8.00 | 24.9 | 0.43 |
| Underground Cabling | Rubber Tired Loaders | Diesel | Average | 1.00 | 8.00 | 203 | 0.36 |
| Underground Cabling | Skid Steer Loaders | Diesel | Average | 4.00 | 8.00 | 75.0 | 0.37 |

### 5.2.2. Mitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Site Preparation | Graders | Diesel | Tier 4 Final | 4.00 | 8.00 | 187 | 0.41 |
| Site Preparation | Off-Highway Trucks | Diesel | Tier 4 Final | 7.00 | 4.00 | 402 | 0.38 |
| Site Preparation | Plate Compactors | Electric | Average | 3.00 | 8.00 | 24.9 | 0.43 |
| Site Preparation | Rubber Tired Loaders | Diesel | Tier 4 Final | 3.00 | 8.00 | 203 | 0.36 |
| Site Preparation | Rough Terrain Forklifts | Diesel | Tier 4 Final | 4.00 | 8.00 | 130 | 0.40 |
| Site Preparation | Skid Steer Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 75.0 | 0.37 |
| Site Preparation | Crawler Tractors | Diesel | Tier 4 Final | 1.00 | 5.00 | 212 | 0.43 |
| Tracker Foundations | Generator Sets | Diesel | Tier 4 Final | 4.00 | 8.00 | 49.9 | 0.74 |
| Tracker Foundations | Air Compressors | Electric | Average | 1.00 | 8.00 | 49.9 | 0.48 |
| Tracker Foundations | Off-Highway Trucks | Diesel | Tier 4 Final | 7.00 | 4.00 | 402 | 0.38 |
| Tracker Foundations | Other Construction Equipment | Diesel | Tier 4 Final | 1.00 | 2.00 | 172 | 0.42 |
| Tracker Foundations | Rough Terrain Forklifts | Diesel | Tier 4 Final | 7.00 | 8.00 | 100 | 0.40 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Tracker Foundations | Rubber Tired Loaders | Diesel | Tier 4 Final | 1.00 | 8.00 | 203 | 0.36 |
| Tracker Foundations | Other General Industrial Equipment | Diesel | Tier 4 Final | 9.00 | 8.00 | 158 | 0.42 |
| Tracker Foundations | Skid Steer Loaders | Diesel | Tier 4 Final | 9.00 | 8.00 | 75.0 | 0.37 |
| Electrical Installation | Air Compressors | Electric | Average | 3.00 | 8.00 | 49.9 | 0.48 |
| Electrical Installation | Off-Highway Trucks | Diesel | Tier 4 Final | 9.00 | 4.00 | 402 | 0.38 |
| Electrical Installation | Rubber Tired Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 203 | 0.36 |
| Electrical Installation | Rough Terrain Forklifts | Diesel | Tier 4 Final | 5.00 | 8.00 | 100 | 0.40 |
| Electrical Installation | Trenchers | Diesel | Tier 4 Final | 3.00 | 8.00 | 78.0 | 0.50 |
| Electrical Installation | Excavators | Diesel | Tier 4 Final | 3.00 | 8.00 | 212 | 0.38 |
| Mechanical Installation | Generator Sets | Diesel | Average | 10.0 | 8.00 | 49.9 | 0.74 |
| Mechanical Installation | Generator Sets | Electric | Average | 1.00 | 8.00 | 49.9 | 0.74 |
| Mechanical Installation | Air Compressors | Electric | Average | 20.0 | 8.00 | 49.9 | 0.48 |
| Mechanical Installation | Off-Highway Trucks | Diesel | Tier 4 Final | 8.00 | 4.00 | 402 | 0.38 |
| Mechanical Installation | Other Construction Equipment | Diesel | Tier 4 Final | 1.00 | 2.00 | 172 | 0.42 |
| Mechanical Installation | Rough Terrain Forklifts | Diesel | Tier 4 Final | 9.00 | 8.00 | 100 | 0.40 |
| Mechanical Installation | Rubber Tired Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 203 | 0.36 |
| Mechanical Installation | Skid Steer Loaders | Diesel | Tier 4 Final | 1.00 | 8.00 | 75.0 | 0.37 |
| Mechanical Installation | Generator Sets | Electric | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Underground Cabling | Excavators | Diesel | Tier 4 Final | 4.00 | 8.00 | 212 | 0.38 |
| Underground Cabling | Trenchers | Diesel | Tier 4 Final | 1.00 | 8.00 | 300 | 0.50 |
| Underground Cabling | Off-Highway Trucks | Diesel | Tier 4 Final | 7.00 | 4.00 | 402 | 0.38 |
| Underground Cabling | Plate Compactors | Electric | Average | 3.00 | 8.00 | 24.9 | 0.43 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Underground Cabling | Rubber Tired Loaders | Diesel | Tier 4 Final | 1.00 | 8.00 | 203 | 0.36 |
| Underground Cabling | Skid Steer Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 75.0 | 0.37 |

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Site Preparation | — | — | — | — |
| Site Preparation | Worker | 534 | 0.25 | LDA,LDT1,LDT2 |
| Site Preparation | Vendor | 252 | 0.25 | HHDT,MHDT |
| Site Preparation | Hauling | 34.0 | 0.25 | HHDT |
| Site Preparation | Onsite truck | — | — | HHDT |
| Tracker Foundations | — | — | — | — |
| Tracker Foundations | Worker | 1,334 | 0.25 | LDA,LDT1,LDT2 |
| Tracker Foundations | Vendor | 252 | 0.25 | HHDT,MHDT |
| Tracker Foundations | Hauling | 74.0 | 0.25 | HHDT |
| Tracker Foundations | Onsite truck | — | — | HHDT |
| Underground Cabling | — | — | — | — |
| Underground Cabling | Worker | 100 | 0.25 | LDA,LDT1,LDT2 |
| Underground Cabling | Vendor | 252 | 0.25 | HHDT,MHDT |
| Underground Cabling | Hauling | 20.0 | 0.25 | HHDT |
| Underground Cabling | Onsite truck | — | — | HHDT |
| Mechanical Installation | — | — | — | — |
| Mechanical Installation | Worker | 1,334 | 0.25 | LDA,LDT1,LDT2 |
| Mechanical Installation | Vendor | 252 | 0.25 | HHDT,MHDT |
| Mechanical Installation | Hauling | 74.0 | 0.25 | HHDT |
| Mechanical Installation | Onsite truck | — | — | HHDT |
| Electrical Installation | — | — | — | — |

| | | | | |
|---|---|---|---|---|
| Electrical Installation | Worker | 1,334 | 0.25 | LDA,LDT1,LDT2 |
| Electrical Installation | Vendor | 252 | 0.25 | HHDT,MHDT |
| Electrical Installation | Hauling | 74.0 | 0.25 | HHDT |
| Electrical Installation | Onsite truck | — | — | HHDT |

### 5.3.2. Mitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Site Preparation | — | — | — | — |
| Site Preparation | Worker | 534 | 0.25 | LDA,LDT1,LDT2 |
| Site Preparation | Vendor | 252 | 0.25 | HHDT,MHDT |
| Site Preparation | Hauling | 34.0 | 0.25 | HHDT |
| Site Preparation | Onsite truck | — | — | HHDT |
| Tracker Foundations | — | — | — | — |
| Tracker Foundations | Worker | 1,334 | 0.25 | LDA,LDT1,LDT2 |
| Tracker Foundations | Vendor | 252 | 0.25 | HHDT,MHDT |
| Tracker Foundations | Hauling | 74.0 | 0.25 | HHDT |
| Tracker Foundations | Onsite truck | — | — | HHDT |
| Underground Cabling | — | — | — | — |
| Underground Cabling | Worker | 100 | 0.25 | LDA,LDT1,LDT2 |
| Underground Cabling | Vendor | 252 | 0.25 | HHDT,MHDT |
| Underground Cabling | Hauling | 20.0 | 0.25 | HHDT |
| Underground Cabling | Onsite truck | — | — | HHDT |
| Mechanical Installation | — | — | — | — |
| Mechanical Installation | Worker | 1,334 | 0.25 | LDA,LDT1,LDT2 |
| Mechanical Installation | Vendor | 252 | 0.25 | HHDT,MHDT |
| Mechanical Installation | Hauling | 74.0 | 0.25 | HHDT |
| Mechanical Installation | Onsite truck | — | — | HHDT |
| Electrical Installation | — | — | — | — |

| | | | | |
|---|---|---|---|---|
| Electrical Installation | Worker | 1,334 | 0.25 | LDA,LDT1,LDT2 |
| Electrical Installation | Vendor | 252 | 0.25 | HHDT,MHDT |
| Electrical Installation | Hauling | 74.0 | 0.25 | HHDT |
| Electrical Installation | Onsite truck | — | — | HHDT |

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

| Control Strategies Applied | PM10 Reduction | PM2.5 Reduction |
|---|---|---|
| Water unpaved roads twice daily | 55% | 55% |
| Limit vehicle speeds on unpaved roads to 25 mph | 67% | 67% |

## 5.5. Architectural Coatings

| Phase Name | Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|---|---|---|---|---|---|
| Electrical Installation | 0.00 | 0.00 | 79,800 | 26,600 | — |

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

| Phase Name | Material Imported (cy) | Material Exported (cy) | Acres Graded (acres) | Material Demolished (sq. ft.) | Acres Paved (acres) |
|---|---|---|---|---|---|
| Site Preparation | — | — | 504 | 0.00 | — |

### 5.6.2. Construction Earthmoving Control Strategies

| Control Strategies Applied | Frequency (per day) | PM10 Reduction | PM2.5 Reduction |
|---|---|---|---|
| Water Exposed Area | 2 | 61% | 61% |

## 5.7. Construction Paving

| Land Use | Area Paved (acres) | % Asphalt |
|---|---|---|
| General Light Industry | 0.00 | 0% |
| General Office Building | 0.00 | 0% |

## 5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4 | N2O |
|---|---|---|---|---|
| 2025 | 0.00 | 204 | 0.03 | < 0.005 |
| 2026 | 0.00 | 204 | 0.03 | < 0.005 |
| 2027 | 0.00 | 204 | 0.03 | < 0.005 |
| 2028 | 0.00 | 204 | 0.03 | < 0.005 |
| 2029 | 0.00 | 204 | 0.03 | < 0.005 |
| 2030 | 0.00 | 204 | 0.03 | < 0.005 |

## 5.9. Operational Mobile Sources

### 5.9.1. Unmitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|---|---|---|---|---|---|---|---|---|
| General Light Industry | 40.0 | 40.0 | 40.0 | 14,600 | 10.0 | 10.0 | 10.0 | 3,650 |
| General Office Building | 18.0 | 18.0 | 18.0 | 6,570 | 4.50 | 4.50 | 4.50 | 1,643 |

### 5.9.2. Mitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|---|---|---|---|---|---|---|---|---|
| General Light Industry | 40.0 | 40.0 | 40.0 | 14,600 | 10.0 | 10.0 | 10.0 | 3,650 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| General Office Building | 18.0 | 18.0 | 18.0 | 6,570 | 4.50 | 4.50 | 4.50 | 1,643 |

## 5.10. Operational Area Sources

### 5.10.1. Hearths

#### 5.10.1.1. Unmitigated

#### 5.10.1.2. Mitigated

### 5.10.2. Architectural Coatings

| Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|---|---|---|---|---|
| 0 | 0.00 | 79,800 | 26,600 | — |

### 5.10.3. Landscape Equipment

| Season | Unit | Value |
|---|---|---|
| Snow Days | day/yr | 0.00 |
| Summer Days | day/yr | 180 |

### 5.10.4. Landscape Equipment - Mitigated

| Season | Unit | Value |
|---|---|---|
| Snow Days | day/yr | 0.00 |
| Summer Days | day/yr | 180 |

## 5.11. Operational Energy Consumption

### 5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

| Land Use | Electricity (kWh/yr) | CO2 | CH4 | N2O | Natural Gas (kBTU/yr) |
|---|---|---|---|---|---|
| General Light Industry | 593,207 | 204 | 0.0330 | 0.0040 | 0.00 |
| General Office Building | 75,028 | 204 | 0.0330 | 0.0040 | 0.00 |

### 5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

| Land Use | Electricity (kWh/yr) | CO2 | CH4 | N2O | Natural Gas (kBTU/yr) |
|---|---|---|---|---|---|
| General Light Industry | 593,207 | 204 | 0.0330 | 0.0040 | 0.00 |
| General Office Building | 75,028 | 204 | 0.0330 | 0.0040 | 0.00 |

## 5.12. Operational Water and Wastewater Consumption

### 5.12.1. Unmitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|---|---|---|
| General Light Industry | 0.00 | 2,280,960 |
| General Office Building | 568,748 | 0.00 |

### 5.12.2. Mitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|---|---|---|
| General Light Industry | 0.00 | 2,280,960 |
| General Office Building | 568,748 | 0.00 |

## 5.13. Operational Waste Generation

### 5.13.1. Unmitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|---|---|---|
| General Light Industry | 62.0 | — |

| | | |
|---|---|---|
| General Office Building | 2.98 | — |

### 5.13.2. Mitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|---|---|---|
| General Light Industry | 62.0 | — |
| General Office Building | 2.98 | — |

## 5.14. Operational Refrigeration and Air Conditioning Equipment

### 5.14.1. Unmitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|---|---|---|---|---|---|---|---|
| General Light Industry | Other commercial A/C and heat pumps | R-410A | 2,088 | 0.30 | 4.00 | 4.00 | 18.0 |
| General Office Building | Household refrigerators and/or freezers | R-134a | 1,430 | 0.02 | 0.60 | 0.00 | 1.00 |
| General Office Building | Other commercial A/C and heat pumps | R-410A | 2,088 | < 0.005 | 4.00 | 4.00 | 18.0 |

### 5.14.2. Mitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|---|---|---|---|---|---|---|---|
| General Light Industry | Other commercial A/C and heat pumps | R-410A | 2,088 | 0.30 | 4.00 | 4.00 | 18.0 |
| General Office Building | Household refrigerators and/or freezers | R-134a | 1,430 | 0.02 | 0.60 | 0.00 | 1.00 |
| General Office Building | Other commercial A/C and heat pumps | R-410A | 2,088 | < 0.005 | 4.00 | 4.00 | 18.0 |

## 5.15. Operational Off-Road Equipment

#### 5.15.1. Unmitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|

#### 5.15.2. Mitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|

## 5.16. Stationary Sources

#### 5.16.1. Emergency Generators and Fire Pumps

| Equipment Type | Fuel Type | Number per Day | Hours per Day | Hours per Year | Horsepower | Load Factor |
|---|---|---|---|---|---|---|

#### 5.16.2. Process Boilers

| Equipment Type | Fuel Type | Number | Boiler Rating (MMBtu/hr) | Daily Heat Input (MMBtu/day) | Annual Heat Input (MMBtu/yr) |
|---|---|---|---|---|---|

## 5.17. User Defined

| Equipment Type | Fuel Type |
|---|---|
| — | — |

## 5.18. Vegetation

#### 5.18.1. Land Use Change

#### 5.18.1.1. Unmitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

#### 5.18.1.2. Mitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

### 5.18.1. Biomass Cover Type

#### 5.18.1.1. Unmitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

#### 5.18.1.2. Mitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

### 5.18.2. Sequestration

#### 5.18.2.1. Unmitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

#### 5.18.2.2. Mitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

# 6. Climate Risk Detailed Report

## 6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

| Climate Hazard | Result for Project Location | Unit |
|---|---|---|
| Temperature and Extreme Heat | 21.4 | annual days of extreme heat |
| Extreme Precipitation | 0.00 | annual days with precipitation above 20 mm |
| Sea Level Rise | 0.00 | meters of inundation depth |
| Wildfire | 0.00 | annual hectares burned |

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

## 6.2. Initial Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | 1 | 0 | 0 | N/A |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | N/A | N/A | N/A | N/A |
| Wildfire | N/A | N/A | N/A | N/A |
| Flooding | 0 | 0 | 0 | N/A |
| Drought | 0 | 0 | 0 | N/A |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | 0 | 0 | 0 | N/A |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

## 6.3. Adjusted Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | 1 | 1 | 1 | 2 |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | N/A | N/A | N/A | N/A |

| | | | | |
|---|---|---|---|---|
| Wildfire | N/A | N/A | N/A | N/A |
| Flooding | 1 | 1 | 1 | 2 |
| Drought | 1 | 1 | 1 | 2 |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | 1 | 1 | 1 | 2 |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

### 6.4. Climate Risk Reduction Measures

# 7. Health and Equity Details

## 7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|
| Exposure Indicators | — |
| AQ-Ozone | 82.5 |
| AQ-PM | 95.4 |
| AQ-DPM | 5.76 |
| Drinking Water | 96.1 |
| Lead Risk Housing | 81.4 |
| Pesticides | 94.1 |
| Toxic Releases | 50.9 |
| Traffic | 0.71 |
| Effect Indicators | — |
| CleanUp Sites | 7.71 |
| Groundwater | 85.3 |

| | |
|---|---|
| Haz Waste Facilities/Generators | 67.6 |
| Impaired Water Bodies | 0.00 |
| Solid Waste | 86.5 |
| Sensitive Population | — |
| Asthma | 42.4 |
| Cardio-vascular | 67.5 |
| Low Birth Weights | 15.4 |
| Socioeconomic Factor Indicators | — |
| Education | 86.9 |
| Housing | 79.3 |
| Linguistic | 95.6 |
| Poverty | 87.8 |
| Unemployment | 61.5 |

## 7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|
| Economic | — |
| Above Poverty | — |
| Employed | — |
| Median HI | — |
| Education | — |
| Bachelor's or higher | — |
| High school enrollment | — |
| Preschool enrollment | — |
| Transportation | — |
| Auto Access | — |
| Active commuting | — |

| | |
|---|---|
| Social | — |
| 2-parent households | — |
| Voting | — |
| Neighborhood | — |
| Alcohol availability | — |
| Park access | — |
| Retail density | — |
| Supermarket access | — |
| Tree canopy | — |
| Housing | — |
| Homeownership | — |
| Housing habitability | — |
| Low-inc homeowner severe housing cost burden | — |
| Low-inc renter severe housing cost burden | — |
| Uncrowded housing | — |
| Health Outcomes | — |
| Insured adults | — |
| Arthritis | 0.0 |
| Asthma ER Admissions | 55.4 |
| High Blood Pressure | 0.0 |
| Cancer (excluding skin) | 0.0 |
| Asthma | 0.0 |
| Coronary Heart Disease | 0.0 |
| Chronic Obstructive Pulmonary Disease | 0.0 |
| Diagnosed Diabetes | 0.0 |
| Life Expectancy at Birth | 0.0 |
| Cognitively Disabled | 64.4 |
| Physically  Disabled | 74.5 |

| | |
|---|---|
| Heart Attack ER Admissions | 23.2 |
| Mental Health Not Good | 0.0 |
| Chronic Kidney Disease | 0.0 |
| Obesity | 0.0 |
| Pedestrian Injuries | 0.0 |
| Physical Health Not Good | 0.0 |
| Stroke | 0.0 |
| Health Risk Behaviors | — |
| Binge Drinking | 0.0 |
| Current Smoker | 0.0 |
| No Leisure Time for Physical Activity | 0.0 |
| Climate Change Exposures | — |
| Wildfire Risk | 0.0 |
| SLR Inundation Area | 0.0 |
| Children | 65.5 |
| Elderly | 68.4 |
| English Speaking | 0.0 |
| Foreign-born | 0.0 |
| Outdoor Workers | 1.8 |
| Climate Change Adaptive Capacity | — |
| Impervious Surface Cover | 96.4 |
| Traffic Density | 0.0 |
| Traffic Access | 0.0 |
| Other Indices | — |
| Hardship | 0.0 |
| Other Decision Support | — |
| 2016 Voting | 0.0 |

## 7.3. Overall Health & Equity Scores

| Metric | Result for Project Census Tract |
|---|---|
| CalEnviroScreen 4.0 Score for Project Location (a) | 83.0 |
| Healthy Places Index Score for Project Location (b) | — |
| Project Located in a Designated Disadvantaged Community (Senate Bill 535) | Yes |
| Project Located in a Low-Income Community (Assembly Bill 1550) | Yes |
| Project Located in a Community Air Protection Program Community (Assembly Bill 617) | No |

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

## 7.4. Health & Equity Measures

No Health & Equity Measures selected.

## 7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

## 7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

# 8. User Changes to Default Data

| Screen | Justification |
|---|---|
| Land Use | Modeling battery storage station as general light industrial. Assuming maximum square footage allowed for the land use. |
| Construction: Construction Phases | No demolition phase anticipated. Phasing based on example project provided and totals approx. 60 months. |
| Construction: Off-Road Equipment | Equipment, operating hours, and horsepower were based on the Bellefield solar project assumptions. Bellefield assumptions for generator sets, air compressors, and plate compactors that exceeded the maximum horsepower for that equipment were reduced to match the maximum. |
| Construction: Trips and VMT | Adjusted using list of construction trip assumptions. |

| | |
|---|---|
| Construction: On-Road Fugitive Dust | Assuming a quarter mile unpaved road distance for haul and vendor trucks, assuming 100% paved for worker vehicles. Assuming watering of unpaved roads and limiting speed to 15 mph in accordance with MDAQMD rule 8021. Limiting speed to 15 mph translates to a 66.6% reduction according to the WRAP fugitive dust handbook. |
| Operations: Vehicle Data | Passenger trips in light industry, trucks in office building. |
| Operations: Water and Waste Water | Assuming 7 acre-feet of outdoor water use for solar panels per year. Office building uses a septic tank. |
| Operations: Refrigerants | Added "Other commercial A/C and heat pumps" to represent SF6 emissions from substations. |
| Operations: Energy Use | Assuming that the project does not result in natural gas consumption. |
| Operations: Fleet Mix | Passenger trips in light industry and trucks in office building. |

# Buttonbush Decommissioning Detailed Report

## Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

3. Construction Emissions Details

3.1. Tracker Foundations Removal (2047) - Unmitigated

3.2. Tracker Foundations Removal (2047) - Mitigated

3.3. Tracker Foundations Removal (2048) - Unmitigated

3.4. Tracker Foundations Removal (2048) - Mitigated

3.5. Mechanical Component Removal (2048) - Unmitigated

3.6. Mechanical Component Removal (2048) - Mitigated

3.7. Mechanical Component Removal (2049) - Unmitigated

3.8. Mechanical Component Removal (2049) - Mitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

# 1. Basic Project Information

## 1.1. Basic Project Information

| Data Field | Value |
|---|---|
| Project Name | Buttonbush Decommissioning |
| Construction Start Date | 11/5/2047 |
| Lead Agency | — |
| Land Use Scale | Project/site |
| Analysis Level for Defaults | County |
| Windspeed (m/s) | 2.70 |
| Precipitation (days) | 16.2 |
| Location | 35.45281010000666, -119.43940020399636 |
| County | Kern-San Joaquin |
| City | Unincorporated |
| Air District | San Joaquin Valley APCD |
| Air Basin | San Joaquin Valley |
| TAZ | 2940 |
| EDFZ | 5 |
| Electric Utility | Pacific Gas & Electric Company |
| Gas Utility | Southern California Gas |
| App Version | 2022.1.1.29 |

## 1.2. Land Use Types

| Land Use Subtype | Size | Unit | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscape Area (sq ft) | Population | Description |
|---|---|---|---|---|---|---|---|---|
| General Light Industry | 50.0 | 1000sqft | 100 | 50,000 | 0.00 | — | — | — |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| General Office Building | 3.20 | 1000sqft | 0.07 | 3,200 | 0.00 | — | — | — |

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

| Sector | # | Measure Title |
|---|---|---|
| Construction | C-1-A | Use Electric or Hybrid Powered Equipment |
| Construction | C-5 | Use Advanced Engine Tiers |

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 11.3 | 9.68 | 75.8 | 150 | 0.38 | 1.04 | 222 | 223 | 0.98 | 25.5 | 26.5 | — | 51,317 | 51,317 | 0.97 | 2.61 | 4.39 | 52,122 |
| Mit. | 3.92 | 3.73 | 27.1 | 158 | 0.31 | 0.59 | 222 | 223 | 0.59 | 25.5 | 26.1 | — | 47,960 | 47,960 | 0.84 | 2.58 | 4.39 | 48,754 |
| % Reduced | 65% | 61% | 64% | -5% | 17% | 43% | — | < 0.5% | 40% | — | 1% | — | 7% | 7% | 14% | 1% | — | 6% |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 11.4 | 9.61 | 77.3 | 136 | 0.38 | 1.10 | 222 | 224 | 1.04 | 25.5 | 26.5 | — | 49,602 | 49,602 | 1.00 | 2.65 | 0.13 | 50,413 |
| Mit. | 3.83 | 3.65 | 28.5 | 144 | 0.31 | 0.59 | 222 | 223 | 0.59 | 25.5 | 26.1 | — | 46,255 | 46,255 | 0.86 | 2.65 | 0.13 | 47,066 |
| % Reduced | 66% | 62% | 63% | -6% | 17% | 47% | — | < 0.5% | 43% | — | 2% | — | 7% | 7% | 14% | < 0.5% | — | 7% |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 7.35 | 6.28 | 50.3 | 90.8 | 0.25 | 0.71 | 153 | 154 | 0.67 | 17.6 | 18.3 | — | 34,135 | 34,135 | 0.64 | 1.88 | 1.36 | 34,710 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mit. | 2.64 | 2.51 | 19.7 | 98.5 | 0.22 | 0.41 | 153 | 153 | 0.41 | 17.6 | 18.0 | — | 32,654 | 32,654 | 0.57 | 1.86 | 1.36 | 33,225 |
| % Reduced | 64% | 60% | 61% | -9% | 12% | 43% | — | < 0.5% | 39% | — | 1% | — | 4% | 4% | 11% | 1% | — | 4% |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.34 | 1.15 | 9.17 | 16.6 | 0.05 | 0.13 | 27.9 | 28.0 | 0.12 | 3.21 | 3.33 | — | 5,651 | 5,651 | 0.11 | 0.31 | 0.23 | 5,747 |
| Mit. | 0.48 | 0.46 | 3.59 | 18.0 | 0.04 | 0.07 | 27.9 | 28.0 | 0.07 | 3.21 | 3.28 | — | 5,406 | 5,406 | 0.09 | 0.31 | 0.23 | 5,501 |
| % Reduced | 64% | 60% | 61% | -9% | 12% | 43% | — | < 0.5% | 39% | — | 1% | — | 4% | 4% | 11% | 1% | — | 4% |

## 2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2048 | 7.97 | 6.86 | 47.9 | 132 | 0.32 | 1.04 | 222 | 223 | 0.98 | 25.5 | 26.5 | — | 48,333 | 48,333 | 0.85 | 2.58 | 4.39 | 49,128 |
| 2049 | 11.3 | 9.68 | 75.8 | 150 | 0.38 | 0.79 | 222 | 223 | 0.75 | 25.5 | 26.2 | — | 51,317 | 51,317 | 0.97 | 2.61 | 3.78 | 52,122 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2047 | 7.98 | 6.86 | 50.1 | 118 | 0.32 | 1.10 | 222 | 224 | 1.04 | 25.5 | 26.5 | — | 46,627 | 46,627 | 0.88 | 2.65 | 0.13 | 47,440 |
| 2048 | 11.4 | 9.61 | 77.3 | 136 | 0.38 | 1.04 | 222 | 223 | 0.98 | 25.5 | 26.5 | — | 49,602 | 49,602 | 1.00 | 2.64 | 0.11 | 50,413 |
| 2049 | 11.3 | 9.60 | 77.1 | 136 | 0.38 | 0.79 | 222 | 223 | 0.75 | 25.5 | 26.2 | — | 49,548 | 49,548 | 1.00 | 2.64 | 0.10 | 50,359 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2047 | 0.89 | 0.76 | 5.54 | 13.5 | 0.04 | 0.12 | 23.8 | 23.9 | 0.12 | 2.74 | 2.85 | — | 5,256 | 5,256 | 0.09 | 0.30 | 0.25 | 5,347 |
| 2048 | 6.12 | 5.23 | 38.9 | 88.9 | 0.24 | 0.71 | 153 | 154 | 0.67 | 17.6 | 18.3 | — | 34,135 | 34,135 | 0.63 | 1.88 | 1.36 | 34,710 |
| 2049 | 7.35 | 6.28 | 50.3 | 90.8 | 0.25 | 0.52 | 140 | 140 | 0.49 | 16.1 | 16.6 | — | 32,803 | 32,803 | 0.64 | 1.73 | 1.07 | 33,336 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2047 | 0.16 | 0.14 | 1.01 | 2.46 | 0.01 | 0.02 | 4.34 | 4.37 | 0.02 | 0.50 | 0.52 | — | 870 | 870 | 0.02 | 0.05 | 0.04 | 885 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2048 | 1.12 | 0.95 | 7.11 | 16.2 | 0.04 | 0.13 | 27.9 | 28.0 | 0.12 | 3.21 | 3.33 | — | 5,651 | 5,651 | 0.10 | 0.31 | 0.23 | 5,747 |
| 2049 | 1.34 | 1.15 | 9.17 | 16.6 | 0.05 | 0.10 | 25.5 | 25.6 | 0.09 | 2.94 | 3.03 | — | 5,431 | 5,431 | 0.11 | 0.29 | 0.18 | 5,519 |

## 2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2048 | 3.92 | 3.73 | 27.1 | 158 | 0.31 | 0.59 | 222 | 223 | 0.59 | 25.5 | 26.1 | — | 47,960 | 47,960 | 0.84 | 2.58 | 4.39 | 48,754 |
| 2049 | 3.26 | 3.18 | 24.4 | 114 | 0.26 | 0.49 | 222 | 223 | 0.49 | 25.5 | 26.0 | — | 42,448 | 42,448 | 0.61 | 2.54 | 3.78 | 43,223 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2047 | 3.83 | 3.65 | 28.5 | 144 | 0.31 | 0.59 | 222 | 223 | 0.59 | 25.5 | 26.1 | — | 46,255 | 46,255 | 0.86 | 2.65 | 0.13 | 47,066 |
| 2048 | 3.83 | 3.62 | 28.5 | 144 | 0.31 | 0.59 | 222 | 223 | 0.59 | 25.5 | 26.1 | — | 46,188 | 46,188 | 0.86 | 2.61 | 0.11 | 46,988 |
| 2049 | 3.21 | 3.11 | 25.7 | 99.5 | 0.26 | 0.49 | 222 | 223 | 0.49 | 25.5 | 26.0 | — | 40,679 | 40,679 | 0.64 | 2.57 | 0.10 | 41,460 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2047 | 0.43 | 0.41 | 3.13 | 16.3 | 0.03 | 0.07 | 23.8 | 23.9 | 0.07 | 2.74 | 2.80 | — | 5,214 | 5,214 | 0.09 | 0.30 | 0.25 | 5,305 |
| 2048 | 2.64 | 2.51 | 19.7 | 98.5 | 0.22 | 0.41 | 153 | 153 | 0.41 | 17.6 | 18.0 | — | 32,654 | 32,654 | 0.57 | 1.86 | 1.36 | 33,225 |
| 2049 | 2.07 | 2.02 | 16.6 | 67.0 | 0.17 | 0.32 | 140 | 140 | 0.32 | 16.1 | 16.4 | — | 26,989 | 26,989 | 0.40 | 1.68 | 1.07 | 27,501 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2047 | 0.08 | 0.07 | 0.57 | 2.98 | 0.01 | 0.01 | 4.34 | 4.36 | 0.01 | 0.50 | 0.51 | — | 863 | 863 | 0.02 | 0.05 | 0.04 | 878 |
| 2048 | 0.48 | 0.46 | 3.59 | 18.0 | 0.04 | 0.07 | 27.9 | 28.0 | 0.07 | 3.21 | 3.28 | — | 5,406 | 5,406 | 0.09 | 0.31 | 0.23 | 5,501 |
| 2049 | 0.38 | 0.37 | 3.02 | 12.2 | 0.03 | 0.06 | 25.5 | 25.6 | 0.06 | 2.94 | 3.00 | — | 4,468 | 4,468 | 0.07 | 0.28 | 0.18 | 4,553 |

# 3. Construction Emissions Details

## 3.1. Tracker Foundations Removal (2047) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 5.82 | 4.88 | 30.3 | 86.8 | 0.17 | 0.85 | — | 0.85 | 0.78 | — | 0.78 | — | 18,030 | 18,030 | 0.73 | 0.15 | — | 18,092 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.65 | 0.54 | 3.38 | 9.68 | 0.02 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 2,011 | 2,011 | 0.08 | 0.02 | — | 2,018 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.12 | 0.10 | 0.62 | 1.77 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 333 | 333 | 0.01 | < 0.005 | — | 334 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.68 | 1.59 | 28.0 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 13,033 | 13,033 | 0.12 | 0.09 | 0.06 | 13,063 |
| Vendor | 0.17 | 0.14 | 4.92 | 2.02 | 0.04 | 0.04 | 56.5 | 56.5 | 0.04 | 5.90 | 5.94 | — | 3,580 | 3,580 | 0.02 | 0.57 | < 0.005 | 3,751 |
| Hauling | 0.28 | 0.16 | 13.3 | 1.67 | 0.11 | 0.22 | 149 | 149 | 0.22 | 15.6 | 15.8 | — | 11,983 | 11,983 | 0.01 | 1.85 | 0.07 | 12,534 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.19 | 0.18 | 0.17 | 3.42 | 0.00 | 0.00 | 1.87 | 1.87 | 0.00 | 0.44 | 0.44 | — | 1,509 | 1,509 | 0.01 | 0.01 | 0.12 | 1,513 |
| Vendor | 0.02 | 0.02 | 0.53 | 0.22 | < 0.005 | < 0.005 | 6.03 | 6.03 | < 0.005 | 0.63 | 0.63 | — | 399 | 399 | < 0.005 | 0.06 | 0.01 | 418 |
| Hauling | 0.03 | 0.02 | 1.45 | 0.18 | 0.01 | 0.02 | 15.9 | 15.9 | 0.02 | 1.67 | 1.69 | — | 1,336 | 1,336 | < 0.005 | 0.21 | 0.12 | 1,398 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.03 | 0.62 | 0.00 | 0.00 | 0.34 | 0.34 | 0.00 | 0.08 | 0.08 | — | 250 | 250 | < 0.005 | < 0.005 | 0.02 | 250 |
| Vendor | < 0.005 | < 0.005 | 0.10 | 0.04 | < 0.005 | < 0.005 | 1.10 | 1.10 | < 0.005 | 0.12 | 0.12 | — | 66.0 | 66.0 | < 0.005 | 0.01 | < 0.005 | 69.2 |
| Hauling | 0.01 | < 0.005 | 0.26 | 0.03 | < 0.005 | < 0.005 | 2.90 | 2.91 | < 0.005 | 0.30 | 0.31 | — | 221 | 221 | < 0.005 | 0.03 | 0.02 | 231 |

## 3.2. Tracker Foundations Removal (2047) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.67 | 1.67 | 8.70 | 112 | 0.16 | 0.33 | — | 0.33 | 0.33 | — | 0.33 | — | 17,653 | 17,653 | 0.72 | 0.14 | — | 17,713 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.19 | 0.19 | 0.97 | 12.5 | 0.02 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 1,969 | 1,969 | 0.08 | 0.02 | — | 1,976 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 0.18 | 2.28 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 326 | 326 | 0.01 | < 0.005 | — | 327 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.68 | 1.59 | 28.0 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 13,033 | 13,033 | 0.12 | 0.09 | 0.06 | 13,063 |
| Vendor | 0.17 | 0.14 | 4.92 | 2.02 | 0.04 | 0.04 | 56.5 | 56.5 | 0.04 | 5.90 | 5.94 | — | 3,580 | 3,580 | 0.02 | 0.57 | < 0.005 | 3,751 |
| Hauling | 0.28 | 0.16 | 13.3 | 1.67 | 0.11 | 0.22 | 149 | 149 | 0.22 | 15.6 | 15.8 | — | 11,983 | 11,983 | 0.01 | 1.85 | 0.07 | 12,534 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.19 | 0.18 | 0.17 | 3.42 | 0.00 | 0.00 | 1.87 | 1.87 | 0.00 | 0.44 | 0.44 | — | 1,509 | 1,509 | 0.01 | 0.01 | 0.12 | 1,513 |
| Vendor | 0.02 | 0.02 | 0.53 | 0.22 | < 0.005 | < 0.005 | 6.03 | 6.03 | < 0.005 | 0.63 | 0.63 | — | 399 | 399 | < 0.005 | 0.06 | 0.01 | 418 |
| Hauling | 0.03 | 0.02 | 1.45 | 0.18 | 0.01 | 0.02 | 15.9 | 15.9 | 0.02 | 1.67 | 1.69 | — | 1,336 | 1,336 | < 0.005 | 0.21 | 0.12 | 1,398 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.03 | 0.62 | 0.00 | 0.00 | 0.34 | 0.34 | 0.00 | 0.08 | 0.08 | — | 250 | 250 | < 0.005 | < 0.005 | 0.02 | 250 |
| Vendor | < 0.005 | < 0.005 | 0.10 | 0.04 | < 0.005 | < 0.005 | 1.10 | 1.10 | < 0.005 | 0.12 | 0.12 | — | 66.0 | 66.0 | < 0.005 | 0.01 | < 0.005 | 69.2 |
| Hauling | 0.01 | < 0.005 | 0.26 | 0.03 | < 0.005 | < 0.005 | 2.90 | 2.91 | < 0.005 | 0.30 | 0.31 | — | 221 | 221 | < 0.005 | 0.03 | 0.02 | 231 |

## 3.3. Tracker Foundations Removal (2048) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 5.73 | 4.80 | 29.5 | 86.3 | 0.17 | 0.78 | — | 0.78 | 0.72 | — | 0.72 | — | 18,030 | 18,030 | 0.73 | 0.15 | — | 18,092 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 5.73 | 4.80 | 29.5 | 86.3 | 0.17 | 0.78 | — | 0.78 | 0.72 | — | 0.72 | — | 18,030 | 18,030 | 0.73 | 0.15 | — | 18,092 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.28 | 2.75 | 16.9 | 49.5 | 0.10 | 0.45 | — | 0.45 | 0.41 | — | 0.41 | — | 10,338 | 10,338 | 0.42 | 0.08 | — | 10,374 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.60 | 0.50 | 3.09 | 9.03 | 0.02 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 1,712 | 1,712 | 0.07 | 0.01 | — | 1,717 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.76 | 1.74 | 1.53 | 42.2 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 14,794 | 14,794 | 0.09 | 0.06 | 2.05 | 14,816 |
| Vendor | 0.19 | 0.15 | 4.54 | 1.95 | 0.04 | 0.04 | 56.5 | 56.5 | 0.04 | 5.90 | 5.94 | — | 3,551 | 3,551 | 0.02 | 0.53 | 0.12 | 3,709 |
| Hauling | 0.29 | 0.17 | 12.3 | 1.65 | 0.11 | 0.22 | 149 | 149 | 0.22 | 15.6 | 15.8 | — | 11,958 | 11,958 | 0.01 | 1.85 | 2.22 | 12,511 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.65 | 1.59 | 28.0 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 13,011 | 13,011 | 0.12 | 0.09 | 0.05 | 13,040 |
| Vendor | 0.17 | 0.14 | 4.91 | 2.02 | 0.04 | 0.04 | 56.5 | 56.5 | 0.04 | 5.90 | 5.94 | — | 3,558 | 3,558 | 0.02 | 0.53 | < 0.005 | 3,717 |
| Hauling | 0.28 | 0.16 | 13.3 | 1.68 | 0.11 | 0.22 | 149 | 149 | 0.22 | 15.6 | 15.8 | — | 11,961 | 11,961 | 0.01 | 1.85 | 0.06 | 12,512 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.94 | 0.93 | 0.88 | 17.6 | 0.00 | 0.00 | 9.63 | 9.63 | 0.00 | 2.25 | 2.25 | — | 7,745 | 7,745 | 0.05 | 0.05 | 0.51 | 7,762 |
| Vendor | 0.10 | 0.08 | 2.71 | 1.13 | 0.02 | 0.02 | 31.0 | 31.0 | 0.02 | 3.24 | 3.26 | — | 2,038 | 2,038 | 0.01 | 0.30 | 0.03 | 2,129 |
| Hauling | 0.17 | 0.10 | 7.46 | 0.95 | 0.06 | 0.12 | 81.7 | 81.8 | 0.12 | 8.58 | 8.71 | — | 6,857 | 6,857 | < 0.005 | 1.06 | 0.55 | 7,174 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.17 | 0.17 | 0.16 | 3.21 | 0.00 | 0.00 | 1.76 | 1.76 | 0.00 | 0.41 | 0.41 | — | 1,282 | 1,282 | 0.01 | 0.01 | 0.08 | 1,285 |
| Vendor | 0.02 | 0.02 | 0.50 | 0.21 | < 0.005 | < 0.005 | 5.65 | 5.66 | < 0.005 | 0.59 | 0.60 | — | 337 | 337 | < 0.005 | 0.05 | 0.01 | 352 |
| Hauling | 0.03 | 0.02 | 1.36 | 0.17 | 0.01 | 0.02 | 14.9 | 14.9 | 0.02 | 1.57 | 1.59 | — | 1,135 | 1,135 | < 0.005 | 0.18 | 0.09 | 1,188 |

## 3.4. Tracker Foundations Removal (2048) - Mitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.67 | 1.67 | 8.70 | 112 | 0.16 | 0.33 | — | 0.33 | 0.33 | — | 0.33 | — | 17,653 | 17,653 | 0.72 | 0.14 | — | 17,713 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.67 | 1.67 | 8.70 | 112 | 0.16 | 0.33 | — | 0.33 | 0.33 | — | 0.33 | — | 17,653 | 17,653 | 0.72 | 0.14 | — | 17,713 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.96 | 0.96 | 4.99 | 64.2 | 0.09 | 0.19 | — | 0.19 | 0.19 | — | 0.19 | — | 10,122 | 10,122 | 0.41 | 0.08 | — | 10,156 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.18 | 0.18 | 0.91 | 11.7 | 0.02 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 1,676 | 1,676 | 0.07 | 0.01 | — | 1,682 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | 1.76 | 1.74 | 1.53 | 42.2 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 14,794 | 14,794 | 0.09 | 0.06 | 2.05 | 14,816 |
| Vendor | 0.19 | 0.15 | 4.54 | 1.95 | 0.04 | 0.04 | 56.5 | 56.5 | 0.04 | 5.90 | 5.94 | — | 3,551 | 3,551 | 0.02 | 0.53 | 0.12 | 3,709 |
| Hauling | 0.29 | 0.17 | 12.3 | 1.65 | 0.11 | 0.22 | 149 | 149 | 0.22 | 15.6 | 15.8 | — | 11,958 | 11,958 | 0.01 | 1.85 | 2.22 | 12,511 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.65 | 1.59 | 28.0 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 13,011 | 13,011 | 0.12 | 0.09 | 0.05 | 13,040 |
| Vendor | 0.17 | 0.14 | 4.91 | 2.02 | 0.04 | 0.04 | 56.5 | 56.5 | 0.04 | 5.90 | 5.94 | — | 3,558 | 3,558 | 0.02 | 0.53 | < 0.005 | 3,717 |
| Hauling | 0.28 | 0.16 | 13.3 | 1.68 | 0.11 | 0.22 | 149 | 149 | 0.22 | 15.6 | 15.8 | — | 11,961 | 11,961 | 0.01 | 1.85 | 0.06 | 12,512 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.94 | 0.93 | 0.88 | 17.6 | 0.00 | 0.00 | 9.63 | 9.63 | 0.00 | 2.25 | 2.25 | — | 7,745 | 7,745 | 0.05 | 0.05 | 0.51 | 7,762 |
| Vendor | 0.10 | 0.08 | 2.71 | 1.13 | 0.02 | 0.02 | 31.0 | 31.0 | 0.02 | 3.24 | 3.26 | — | 2,038 | 2,038 | 0.01 | 0.30 | 0.03 | 2,129 |
| Hauling | 0.17 | 0.10 | 7.46 | 0.95 | 0.06 | 0.12 | 81.7 | 81.8 | 0.12 | 8.58 | 8.71 | — | 6,857 | 6,857 | < 0.005 | 1.06 | 0.55 | 7,174 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.17 | 0.17 | 0.16 | 3.21 | 0.00 | 0.00 | 1.76 | 1.76 | 0.00 | 0.41 | 0.41 | — | 1,282 | 1,282 | 0.01 | 0.01 | 0.08 | 1,285 |
| Vendor | 0.02 | 0.02 | 0.50 | 0.21 | < 0.005 | < 0.005 | 5.65 | 5.66 | < 0.005 | 0.59 | 0.60 | — | 337 | 337 | < 0.005 | 0.05 | 0.01 | 352 |
| Hauling | 0.03 | 0.02 | 1.36 | 0.17 | 0.01 | 0.02 | 14.9 | 14.9 | 0.02 | 1.57 | 1.59 | — | 1,135 | 1,135 | < 0.005 | 0.18 | 0.09 | 1,188 |

## 3.5. Mechanical Component Removal (2048) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipm | 9.21 | 7.66 | 57.5 | 104 | 0.23 | 0.54 | — | 0.54 | 0.50 | — | 0.50 | — | 21,072 | 21,072 | 0.85 | 0.17 | — | 21,144 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.32 | 1.09 | 8.21 | 14.9 | 0.03 | 0.08 | — | 0.08 | 0.07 | — | 0.07 | — | 3,010 | 3,010 | 0.12 | 0.02 | — | 3,021 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.24 | 0.20 | 1.50 | 2.72 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 498 | 498 | 0.02 | < 0.005 | — | 500 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.65 | 1.59 | 28.0 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 13,011 | 13,011 | 0.12 | 0.09 | 0.05 | 13,040 |
| Vendor | 0.17 | 0.14 | 4.91 | 2.02 | 0.04 | 0.04 | 56.5 | 56.5 | 0.04 | 5.90 | 5.94 | — | 3,558 | 3,558 | 0.02 | 0.53 | < 0.005 | 3,717 |
| Hauling | 0.28 | 0.16 | 13.3 | 1.68 | 0.11 | 0.22 | 149 | 149 | 0.22 | 15.6 | 15.8 | — | 11,961 | 11,961 | 0.01 | 1.85 | 0.06 | 12,512 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.24 | 0.23 | 0.22 | 4.38 | 0.00 | 0.00 | 2.40 | 2.40 | 0.00 | 0.56 | 0.56 | — | 1,930 | 1,930 | 0.01 | 0.01 | 0.13 | 1,934 |
| Vendor | 0.03 | 0.02 | 0.68 | 0.28 | 0.01 | 0.01 | 7.72 | 7.72 | 0.01 | 0.81 | 0.81 | — | 508 | 508 | < 0.005 | 0.08 | 0.01 | 530 |
| Hauling | 0.04 | 0.02 | 1.86 | 0.24 | 0.02 | 0.03 | 20.4 | 20.4 | 0.03 | 2.14 | 2.17 | — | 1,708 | 1,708 | < 0.005 | 0.26 | 0.14 | 1,787 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.04 | 0.04 | 0.80 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.10 | 0.10 | — | 319 | 319 | < 0.005 | < 0.005 | 0.02 | 320 |
| Vendor | < 0.005 | < 0.005 | 0.12 | 0.05 | < 0.005 | < 0.005 | 1.41 | 1.41 | < 0.005 | 0.15 | 0.15 | — | 84.1 | 84.1 | < 0.005 | 0.01 | < 0.005 | 87.8 |
| Hauling | 0.01 | < 0.005 | 0.34 | 0.04 | < 0.005 | 0.01 | 3.72 | 3.72 | 0.01 | 0.39 | 0.40 | — | 283 | 283 | < 0.005 | 0.04 | 0.02 | 296 |

## 3.6. Mechanical Component Removal (2048) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.15 | 1.15 | 6.00 | 67.9 | 0.11 | 0.23 | — | 0.23 | 0.23 | — | 0.23 | — | 12,198 | 12,198 | 0.49 | 0.10 | — | 12,240 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.16 | 0.16 | 0.86 | 9.70 | 0.02 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 1,743 | 1,743 | 0.07 | 0.01 | — | 1,749 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 0.16 | 1.77 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 289 | 289 | 0.01 | < 0.005 | — | 290 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.65 | 1.59 | 28.0 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 13,011 | 13,011 | 0.12 | 0.09 | 0.05 | 13,040 |
| Vendor | 0.17 | 0.14 | 4.91 | 2.02 | 0.04 | 0.04 | 56.5 | 56.5 | 0.04 | 5.90 | 5.94 | — | 3,558 | 3,558 | 0.02 | 0.53 | < 0.005 | 3,717 |
| Hauling | 0.28 | 0.16 | 13.3 | 1.68 | 0.11 | 0.22 | 149 | 149 | 0.22 | 15.6 | 15.8 | — | 11,961 | 11,961 | 0.01 | 1.85 | 0.06 | 12,512 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.24 | 0.23 | 0.22 | 4.38 | 0.00 | 0.00 | 2.40 | 2.40 | 0.00 | 0.56 | 0.56 | — | 1,930 | 1,930 | 0.01 | 0.01 | 0.13 | 1,934 |
| Vendor | 0.03 | 0.02 | 0.68 | 0.28 | 0.01 | 0.01 | 7.72 | 7.72 | 0.01 | 0.81 | 0.81 | — | 508 | 508 | < 0.005 | 0.08 | 0.01 | 530 |
| Hauling | 0.04 | 0.02 | 1.86 | 0.24 | 0.02 | 0.03 | 20.4 | 20.4 | 0.03 | 2.14 | 2.17 | — | 1,708 | 1,708 | < 0.005 | 0.26 | 0.14 | 1,787 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.04 | 0.04 | 0.80 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.10 | 0.10 | — | 319 | 319 | < 0.005 | < 0.005 | 0.02 | 320 |
| Vendor | < 0.005 | < 0.005 | 0.12 | 0.05 | < 0.005 | < 0.005 | 1.41 | 1.41 | < 0.005 | 0.15 | 0.15 | — | 84.1 | 84.1 | < 0.005 | 0.01 | < 0.005 | 87.8 |
| Hauling | 0.01 | < 0.005 | 0.34 | 0.04 | < 0.005 | 0.01 | 3.72 | 3.72 | 0.01 | 0.39 | 0.40 | — | 283 | 283 | < 0.005 | 0.04 | 0.02 | 296 |

## 3.7. Mechanical Component Removal (2049) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | 9.20 | 7.65 | 57.4 | 104 | 0.23 | 0.54 | — | 0.54 | 0.50 | — | 0.50 | — | 21,072 | 21,072 | 0.85 | 0.17 | — | 21,144 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 9.20 | 7.65 | 57.4 | 104 | 0.23 | 0.54 | — | 0.54 | 0.50 | — | 0.50 | — | 21,072 | 21,072 | 0.85 | 0.17 | — | 21,144 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.03 | 5.02 | 37.6 | 68.3 | 0.15 | 0.35 | — | 0.35 | 0.32 | — | 0.32 | — | 13,814 | 13,814 | 0.56 | 0.11 | — | 13,862 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.10 | 0.92 | 6.87 | 12.5 | 0.03 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 2,287 | 2,287 | 0.09 | 0.02 | — | 2,295 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.74 | 1.71 | 1.53 | 42.1 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 14,774 | 14,774 | 0.09 | 0.06 | 1.75 | 14,795 |
| Vendor | 0.19 | 0.15 | 4.53 | 1.95 | 0.04 | 0.04 | 56.5 | 56.5 | 0.04 | 5.90 | 5.94 | — | 3,532 | 3,532 | 0.02 | 0.53 | 0.09 | 3,691 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hauling | 0.19 | 0.17 | 12.3 | 1.65 | 0.11 | 0.22 | 149 | 149 | 0.22 | 15.6 | 15.8 | — | 11,940 | 11,940 | 0.01 | 1.85 | 1.94 | 12,493 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.65 | 1.59 | 28.0 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 12,993 | 12,993 | 0.12 | 0.09 | 0.05 | 13,023 |
| Vendor | 0.17 | 0.14 | 4.87 | 2.01 | 0.04 | 0.04 | 56.5 | 56.5 | 0.04 | 5.90 | 5.94 | — | 3,540 | 3,540 | 0.02 | 0.53 | < 0.005 | 3,698 |
| Hauling | 0.18 | 0.16 | 13.3 | 1.57 | 0.11 | 0.22 | 149 | 149 | 0.22 | 15.6 | 15.8 | — | 11,943 | 11,943 | 0.01 | 1.85 | 0.05 | 12,494 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.08 | 1.06 | 1.00 | 20.1 | 0.00 | 0.00 | 11.0 | 11.0 | 0.00 | 2.58 | 2.58 | — | 8,843 | 8,843 | 0.06 | 0.06 | 0.49 | 8,862 |
| Vendor | 0.12 | 0.10 | 3.10 | 1.30 | 0.03 | 0.03 | 35.4 | 35.4 | 0.03 | 3.70 | 3.73 | — | 2,318 | 2,318 | 0.01 | 0.35 | 0.02 | 2,422 |
| Hauling | 0.12 | 0.11 | 8.53 | 1.09 | 0.07 | 0.14 | 93.4 | 93.6 | 0.14 | 9.81 | 9.95 | — | 7,828 | 7,828 | 0.01 | 1.21 | 0.55 | 8,190 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.20 | 0.19 | 0.18 | 3.66 | 0.00 | 0.00 | 2.01 | 2.01 | 0.00 | 0.47 | 0.47 | — | 1,464 | 1,464 | 0.01 | 0.01 | 0.08 | 1,467 |
| Vendor | 0.02 | 0.02 | 0.57 | 0.24 | < 0.005 | < 0.005 | 6.46 | 6.47 | < 0.005 | 0.68 | 0.68 | — | 384 | 384 | < 0.005 | 0.06 | < 0.005 | 401 |
| Hauling | 0.02 | 0.02 | 1.56 | 0.20 | 0.01 | 0.03 | 17.1 | 17.1 | 0.03 | 1.79 | 1.82 | — | 1,296 | 1,296 | < 0.005 | 0.20 | 0.09 | 1,356 |

## 3.8. Mechanical Component Removal (2049) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.15 | 1.15 | 6.00 | 67.9 | 0.11 | 0.23 | — | 0.23 | 0.23 | — | 0.23 | — | 12,198 | 12,198 | 0.49 | 0.10 | — | 12,240 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.15 | 1.15 | 6.00 | 67.9 | 0.11 | 0.23 | — | 0.23 | 0.23 | — | 0.23 | — | 12,198 | 12,198 | 0.49 | 0.10 | — | 12,240 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.76 | 0.76 | 3.94 | 44.5 | 0.07 | 0.15 | — | 0.15 | 0.15 | — | 0.15 | — | 7,997 | 7,997 | 0.32 | 0.06 | — | 8,024 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.14 | 0.14 | 0.72 | 8.12 | 0.01 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 1,324 | 1,324 | 0.05 | 0.01 | — | 1,329 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.74 | 1.71 | 1.53 | 42.1 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 14,774 | 14,774 | 0.09 | 0.06 | 1.75 | 14,795 |
| Vendor | 0.19 | 0.15 | 4.53 | 1.95 | 0.04 | 0.04 | 56.5 | 56.5 | 0.04 | 5.90 | 5.94 | — | 3,532 | 3,532 | 0.02 | 0.53 | 0.09 | 3,691 |
| Hauling | 0.19 | 0.17 | 12.3 | 1.65 | 0.11 | 0.22 | 149 | 149 | 0.22 | 15.6 | 15.8 | — | 11,940 | 11,940 | 0.01 | 1.85 | 1.94 | 12,493 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.65 | 1.59 | 28.0 | 0.00 | 0.00 | 17.0 | 17.0 | 0.00 | 3.98 | 3.98 | — | 12,993 | 12,993 | 0.12 | 0.09 | 0.05 | 13,023 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.17 | 0.14 | 4.87 | 2.01 | 0.04 | 0.04 | 56.5 | 56.5 | 0.04 | 5.90 | 5.94 | — | 3,540 | 3,540 | 0.02 | 0.53 | < 0.005 | 3,698 |
| Hauling | 0.18 | 0.16 | 13.3 | 1.57 | 0.11 | 0.22 | 149 | 149 | 0.22 | 15.6 | 15.8 | — | 11,943 | 11,943 | 0.01 | 1.85 | 0.05 | 12,494 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.08 | 1.06 | 1.00 | 20.1 | 0.00 | 0.00 | 11.0 | 11.0 | 0.00 | 2.58 | 2.58 | — | 8,843 | 8,843 | 0.06 | 0.06 | 0.49 | 8,862 |
| Vendor | 0.12 | 0.10 | 3.10 | 1.30 | 0.03 | 0.03 | 35.4 | 35.4 | 0.03 | 3.70 | 3.73 | — | 2,318 | 2,318 | 0.01 | 0.35 | 0.02 | 2,422 |
| Hauling | 0.12 | 0.11 | 8.53 | 1.09 | 0.07 | 0.14 | 93.4 | 93.6 | 0.14 | 9.81 | 9.95 | — | 7,828 | 7,828 | 0.01 | 1.21 | 0.55 | 8,190 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.20 | 0.19 | 0.18 | 3.66 | 0.00 | 0.00 | 2.01 | 2.01 | 0.00 | 0.47 | 0.47 | — | 1,464 | 1,464 | 0.01 | 0.01 | 0.08 | 1,467 |
| Vendor | 0.02 | 0.02 | 0.57 | 0.24 | < 0.005 | < 0.005 | 6.46 | 6.47 | < 0.005 | 0.68 | 0.68 | — | 384 | 384 | < 0.005 | 0.06 | < 0.005 | 401 |
| Hauling | 0.02 | 0.02 | 1.56 | 0.20 | 0.01 | 0.03 | 17.1 | 17.1 | 0.03 | 1.79 | 1.82 | — | 1,296 | 1,296 | < 0.005 | 0.20 | 0.09 | 1,356 |

# 4. Operations Emissions Details

## 4.10. Soil Carbon Accumulation By Vegetation Type

### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

# 5. Activity Data

## 5.1. Construction Schedule

| Phase Name | Phase Type | Start Date | End Date | Days Per Week | Work Days per Phase | Phase Description |
|---|---|---|---|---|---|---|
| Tracker Foundations Removal | Building Construction | 11/5/2047 | 10/19/2048 | 5.00 | 250 | Phase 2 |
| Mechanical Component Removal | Building Construction | 10/20/2048 | 12/1/2049 | 5.00 | 292 | Phase 4 |

## 5.2. Off-Road Equipment

### 5.2.1. Unmitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Tracker Foundations Removal | Generator Sets | Diesel | Average | 4.00 | 8.00 | 49.9 | 0.74 |
| Tracker Foundations Removal | Air Compressors | Diesel | Average | 1.00 | 8.00 | 49.9 | 0.48 |
| Tracker Foundations Removal | Off-Highway Trucks | Diesel | Average | 7.00 | 4.00 | 402 | 0.38 |
| Tracker Foundations Removal | Other Construction Equipment | Diesel | Average | 1.00 | 2.00 | 172 | 0.42 |
| Tracker Foundations Removal | Rough Terrain Forklifts | Diesel | Average | 7.00 | 8.00 | 100 | 0.40 |
| Tracker Foundations Removal | Rubber Tired Loaders | Diesel | Average | 1.00 | 8.00 | 203 | 0.36 |
| Tracker Foundations Removal | Other Construction Equipment | Diesel | Average | 9.00 | 8.00 | 158 | 0.42 |
| Tracker Foundations Removal | Skid Steer Loaders | Diesel | Average | 9.00 | 8.00 | 75.0 | 0.37 |
| Mechanical Component Removal | Generator Sets | Diesel | Average | 11.0 | 8.00 | 49.9 | 0.74 |
| Mechanical Component Removal | Air Compressors | Diesel | Average | 20.0 | 8.00 | 49.9 | 0.48 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mechanical Component Removal | Off-Highway Trucks | Diesel | Average | 8.00 | 4.00 | 402 | 0.38 |
| Mechanical Component Removal | Other Construction Equipment | Diesel | Average | 1.00 | 2.00 | 172 | 0.42 |
| Mechanical Component Removal | Rough Terrain Forklifts | Diesel | Average | 9.00 | 8.00 | 100 | 0.40 |
| Mechanical Component Removal | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 203 | 0.36 |
| Mechanical Component Removal | Skid Steer Loaders | Diesel | Average | 1.00 | 8.00 | 75.0 | 0.37 |

### 5.2.2. Mitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Tracker Foundations Removal | Generator Sets | Electric | Average | 4.00 | 8.00 | 49.9 | 0.74 |
| Tracker Foundations Removal | Air Compressors | Electric | Average | 1.00 | 8.00 | 49.9 | 0.48 |
| Tracker Foundations Removal | Off-Highway Trucks | Diesel | Tier 4 Final | 7.00 | 4.00 | 402 | 0.38 |
| Tracker Foundations Removal | Other Construction Equipment | Diesel | Tier 4 Final | 9.00 | 2.00 | 172 | 0.42 |
| Tracker Foundations Removal | Rough Terrain Forklifts | Diesel | Tier 4 Final | 7.00 | 8.00 | 100 | 0.40 |
| Tracker Foundations Removal | Rubber Tired Loaders | Diesel | Tier 4 Final | 1.00 | 8.00 | 203 | 0.36 |
| Tracker Foundations Removal | Other Construction Equipment | Diesel | Tier 4 Final | 9.00 | 8.00 | 158 | 0.42 |
| Tracker Foundations Removal | Skid Steer Loaders | Diesel | Tier 4 Final | 9.00 | 8.00 | 75.0 | 0.37 |
| Mechanical Component Removal | Generator Sets | Electric | Average | 11.0 | 8.00 | 49.9 | 0.74 |
| Mechanical Component Removal | Air Compressors | Electric | Average | 20.0 | 8.00 | 49.9 | 0.48 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mechanical Component Removal | Off-Highway Trucks | Diesel | Tier 4 Final | 8.00 | 4.00 | 402 | 0.38 |
| Mechanical Component Removal | Other Construction Equipment | Diesel | Tier 4 Final | 1.00 | 2.00 | 172 | 0.42 |
| Mechanical Component Removal | Rough Terrain Forklifts | Diesel | Tier 4 Final | 9.00 | 8.00 | 100 | 0.40 |
| Mechanical Component Removal | Rubber Tired Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 203 | 0.36 |
| Mechanical Component Removal | Skid Steer Loaders | Diesel | Tier 4 Final | 1.00 | 8.00 | 75.0 | 0.37 |

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Tracker Foundations Removal | — | — | — | — |
| Tracker Foundations Removal | Worker | 1,334 | 18.0 | LDA,LDT1,LDT2 |
| Tracker Foundations Removal | Vendor | 252 | 7.37 | HHDT,MHDT |
| Tracker Foundations Removal | Hauling | 74.0 | 66.0 | HHDT |
| Tracker Foundations Removal | Onsite truck | — | — | HHDT |
| Mechanical Component Removal | — | — | — | — |
| Mechanical Component Removal | Worker | 1,334 | 18.0 | LDA,LDT1,LDT2 |
| Mechanical Component Removal | Vendor | 252 | 7.37 | HHDT,MHDT |
| Mechanical Component Removal | Hauling | 74.0 | 66.0 | HHDT |
| Mechanical Component Removal | Onsite truck | — | — | HHDT |

### 5.3.2. Mitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Tracker Foundations Removal | — | — | — | — |
| Tracker Foundations Removal | Worker | 1,334 | 18.0 | LDA,LDT1,LDT2 |

| | | | | |
|---|---|---|---|---|
| Tracker Foundations Removal | Vendor | 252 | 7.37 | HHDT,MHDT |
| Tracker Foundations Removal | Hauling | 74.0 | 66.0 | HHDT |
| Tracker Foundations Removal | Onsite truck | — | — | HHDT |
| Mechanical Component Removal | — | — | — | — |
| Mechanical Component Removal | Worker | 1,334 | 18.0 | LDA,LDT1,LDT2 |
| Mechanical Component Removal | Vendor | 252 | 7.37 | HHDT,MHDT |
| Mechanical Component Removal | Hauling | 74.0 | 66.0 | HHDT |
| Mechanical Component Removal | Onsite truck | — | — | HHDT |

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

| Control Strategies Applied | PM10 Reduction | PM2.5 Reduction |
|---|---|---|
| Water unpaved roads twice daily | 55% | 55% |
| Limit vehicle speeds on unpaved roads to 25 mph | 67% | 67% |

## 5.5. Architectural Coatings

| Phase Name | Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|---|---|---|---|---|---|

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

| Phase Name | Material Imported (cy) | Material Exported (cy) | Acres Graded (acres) | Material Demolished (sq. ft.) | Acres Paved (acres) |
|---|---|---|---|---|---|

### 5.6.2. Construction Earthmoving Control Strategies

| Control Strategies Applied | Frequency (per day) | PM10 Reduction | PM2.5 Reduction |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Water Exposed Area | 2 | 61% | 61% |

## 5.7. Construction Paving

| Land Use | Area Paved (acres) | % Asphalt |
|---|---|---|
| General Light Industry | 0.00 | 0% |
| General Office Building | 0.00 | 0% |

## 5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4 | N2O |
|---|---|---|---|---|
| 2047 | 0.00 | 204 | 0.03 | < 0.005 |
| 2048 | 0.00 | 204 | 0.03 | < 0.005 |
| 2049 | 0.00 | 204 | 0.03 | < 0.005 |

## 5.18. Vegetation

### 5.18.1. Land Use Change

#### 5.18.1.1. Unmitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

#### 5.18.1.2. Mitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

### 5.18.1. Biomass Cover Type

#### 5.18.1.1. Unmitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

### 5.18.1.2. Mitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

### 5.18.2. Sequestration

### 5.18.2.1. Unmitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

### 5.18.2.2. Mitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

# 6. Climate Risk Detailed Report

## 6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

| Climate Hazard | Result for Project Location | Unit |
|---|---|---|
| Temperature and Extreme Heat | 21.4 | annual days of extreme heat |
| Extreme Precipitation | 0.00 | annual days with precipitation above 20 mm |
| Sea Level Rise | 0.00 | meters of inundation depth |
| Wildfire | 0.00 | annual hectares burned |

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

## 6.2. Initial Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | 1 | 0 | 0 | N/A |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | N/A | N/A | N/A | N/A |
| Wildfire | N/A | N/A | N/A | N/A |
| Flooding | 0 | 0 | 0 | N/A |
| Drought | 0 | 0 | 0 | N/A |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | 0 | 0 | 0 | N/A |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

## 6.3. Adjusted Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | 1 | 1 | 1 | 2 |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | N/A | N/A | N/A | N/A |
| Wildfire | N/A | N/A | N/A | N/A |
| Flooding | 1 | 1 | 1 | 2 |
| Drought | 1 | 1 | 1 | 2 |

| | | | | |
|---|---|---|---|---|
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | 1 | 1 | 1 | 2 |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

## 6.4. Climate Risk Reduction Measures

# 7. Health and Equity Details

## 7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|
| Exposure Indicators | — |
| AQ-Ozone | 82.5 |
| AQ-PM | 95.4 |
| AQ-DPM | 5.76 |
| Drinking Water | 96.1 |
| Lead Risk Housing | 81.4 |
| Pesticides | 94.1 |
| Toxic Releases | 50.9 |
| Traffic | 0.71 |
| Effect Indicators | — |
| CleanUp Sites | 7.71 |
| Groundwater | 85.3 |
| Haz Waste Facilities/Generators | 67.6 |
| Impaired Water Bodies | 0.00 |
| Solid Waste | 86.5 |

| | |
|---|---|
| Sensitive Population | — |
| Asthma | 42.4 |
| Cardio-vascular | 67.5 |
| Low Birth Weights | 15.4 |
| Socioeconomic Factor Indicators | — |
| Education | 86.9 |
| Housing | 79.3 |
| Linguistic | 95.6 |
| Poverty | 87.8 |
| Unemployment | 61.5 |

## 7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|
| Economic | — |
| Above Poverty | — |
| Employed | — |
| Median HI | — |
| Education | — |
| Bachelor's or higher | — |
| High school enrollment | — |
| Preschool enrollment | — |
| Transportation | — |
| Auto Access | — |
| Active commuting | — |
| Social | — |
| 2-parent households | — |
| Voting | — |

| | |
|---|---|
| Neighborhood | — |
| Alcohol availability | — |
| Park access | — |
| Retail density | — |
| Supermarket access | — |
| Tree canopy | — |
| Housing | — |
| Homeownership | — |
| Housing habitability | — |
| Low-inc homeowner severe housing cost burden | — |
| Low-inc renter severe housing cost burden | — |
| Uncrowded housing | — |
| Health Outcomes | — |
| Insured adults | — |
| Arthritis | 0.0 |
| Asthma ER Admissions | 55.4 |
| High Blood Pressure | 0.0 |
| Cancer (excluding skin) | 0.0 |
| Asthma | 0.0 |
| Coronary Heart Disease | 0.0 |
| Chronic Obstructive Pulmonary Disease | 0.0 |
| Diagnosed Diabetes | 0.0 |
| Life Expectancy at Birth | 0.0 |
| Cognitively Disabled | 64.4 |
| Physically  Disabled | 74.5 |
| Heart Attack ER Admissions | 23.2 |
| Mental Health Not Good | 0.0 |
| Chronic Kidney Disease | 0.0 |

| | |
|---|---|
| Obesity | 0.0 |
| Pedestrian Injuries | 0.0 |
| Physical Health Not Good | 0.0 |
| Stroke | 0.0 |
| Health Risk Behaviors | — |
| Binge Drinking | 0.0 |
| Current Smoker | 0.0 |
| No Leisure Time for Physical Activity | 0.0 |
| Climate Change Exposures | — |
| Wildfire Risk | 0.0 |
| SLR Inundation Area | 0.0 |
| Children | 65.5 |
| Elderly | 68.4 |
| English Speaking | 0.0 |
| Foreign-born | 0.0 |
| Outdoor Workers | 1.8 |
| Climate Change Adaptive Capacity | — |
| Impervious Surface Cover | 96.4 |
| Traffic Density | 0.0 |
| Traffic Access | 0.0 |
| Other Indices | — |
| Hardship | 0.0 |
| Other Decision Support | — |
| 2016 Voting | 0.0 |

## 7.3. Overall Health & Equity Scores

| Metric | Result for Project Census Tract |
|---|---|
| CalEnviroScreen 4.0 Score for Project Location (a) | 83.0 |

| | |
|---|---|
| Healthy Places Index Score for Project Location (b) | — |
| Project Located in a Designated Disadvantaged Community (Senate Bill 535) | Yes |
| Project Located in a Low-Income Community (Assembly Bill 1550) | Yes |
| Project Located in a Community Air Protection Program Community (Assembly Bill 617) | No |

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

## 7.4. Health & Equity Measures

No Health & Equity Measures selected.

## 7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

## 7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

# 8. User Changes to Default Data

| Screen | Justification |
|---|---|
| Land Use | Modeling battery storage station as general light industrial. Assuming maximum square footage allowed for the land use. |
| Construction: Construction Phases | Based on construction phases. Solar only. |
| Construction: Off-Road Equipment | Equipment, operating hours, and horsepower were based on the Bellefield solar project assumptions. Bellefield assumptions for generator sets, air compressors, and plate compactors that exceeded the maximum horsepower for that equipment were reduced to match the maximum. |
| Construction: Trips and VMT | Adjusted using list of construction trip assumptions. |
| Construction: On-Road Fugitive Dust | Assuming a quarter mile unpaved road distance for haul and vendor trucks, assuming 100% paved for worker vehicles |
| Operations: Vehicle Data | Assuming 40 one-way trips for the 20 full-time office building employees. |
| Operations: Water and Waste Water | Assuming 7 acre-feet of outdoor water use for solar panels per year. Office building uses a septic tank. |
| Operations: Refrigerants | Added "Other commercial A/C and heat pumps" to represent SF6 emissions from substations. |

# Buttonbush Decommissioning Onsite Detailed Report

## Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

3. Construction Emissions Details

3.1. Tracker Foundations Removal (2047) - Unmitigated

3.2. Tracker Foundations Removal (2047) - Mitigated

3.3. Tracker Foundations Removal (2048) - Unmitigated

3.4. Tracker Foundations Removal (2048) - Mitigated

3.5. Mechanical Component Removal (2048) - Unmitigated

3.6. Mechanical Component Removal (2048) - Mitigated

3.7. Mechanical Component Removal (2049) - Unmitigated

3.8. Mechanical Component Removal (2049) - Mitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

# 1. Basic Project Information

## 1.1. Basic Project Information

| Data Field | Value |
|---|---|
| Project Name | Buttonbush Decommissioning Onsite |
| Construction Start Date | 11/5/2047 |
| Lead Agency | — |
| Land Use Scale | Project/site |
| Analysis Level for Defaults | County |
| Windspeed (m/s) | 2.70 |
| Precipitation (days) | 16.2 |
| Location | 35.45281010000666, -119.43940020399636 |
| County | Kern-San Joaquin |
| City | Unincorporated |
| Air District | San Joaquin Valley APCD |
| Air Basin | San Joaquin Valley |
| TAZ | 2940 |
| EDFZ | 5 |
| Electric Utility | Pacific Gas & Electric Company |
| Gas Utility | Southern California Gas |
| App Version | 2022.1.1.29 |

## 1.2. Land Use Types

| Land Use Subtype | Size | Unit | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscape Area (sq ft) | Population | Description |
|---|---|---|---|---|---|---|---|---|
| General Light Industry | 50.0 | 1000sqft | 100 | 50,000 | 0.00 | — | — | — |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| General Office Building | 3.20 | 1000sqft | 0.07 | 3,200 | 0.00 | — | — | — |

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

| Sector | # | Measure Title |
|---|---|---|
| Construction | C-1-A | Use Electric or Hybrid Powered Equipment |
| Construction | C-5 | Use Advanced Engine Tiers |

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 11.2 | 9.53 | 61.2 | 111 | 0.23 | 0.79 | 2.72 | 3.50 | 0.72 | 0.31 | 1.04 | — | 21,961 | 21,961 | 0.97 | 0.31 | 0.04 | 22,078 |
| Mit. | 3.66 | 3.58 | 12.5 | 119 | 0.17 | 0.34 | 2.72 | 3.05 | 0.34 | 0.31 | 0.65 | — | 18,549 | 18,549 | 0.84 | 0.28 | 0.04 | 18,654 |
| % Reduced | 67% | 62% | 80% | -7% | 28% | 57% | — | 13% | 53% | — | 37% | — | 16% | 16% | 14% | 9% | — | 16% |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 11.1 | 9.46 | 61.6 | 113 | 0.23 | 0.85 | 2.72 | 3.57 | 0.78 | 0.31 | 1.10 | — | 21,952 | 21,952 | 1.00 | 0.34 | < 0.005 | 22,079 |
| Mit. | 3.58 | 3.51 | 12.8 | 121 | 0.17 | 0.34 | 2.72 | 3.05 | 0.34 | 0.31 | 0.65 | — | 18,540 | 18,540 | 0.86 | 0.31 | < 0.005 | 18,655 |
| % Reduced | 68% | 63% | 79% | -7% | 28% | 60% | — | 14% | 57% | — | 41% | — | 16% | 16% | 14% | 8% | — | 16% |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 7.25 | 6.19 | 40.2 | 73.4 | 0.15 | 0.53 | 1.87 | 2.40 | 0.49 | 0.22 | 0.70 | — | 14,390 | 14,390 | 0.64 | 0.23 | 0.01 | 14,472 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mit. | 2.46 | 2.40 | 8.62 | 79.5 | 0.11 | 0.23 | 1.87 | 2.09 | 0.23 | 0.22 | 0.44 | — | 12,498 | 12,498 | 0.57 | 0.22 | 0.01 | 12,577 |
| % Reduced | 66% | 61% | 79% | -8% | 26% | 57% | — | 13% | 53% | — | 37% | — | 13% | 13% | 11% | 5% | — | 13% |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.32 | 1.13 | 7.33 | 13.4 | 0.03 | 0.10 | 0.34 | 0.44 | 0.09 | 0.04 | 0.13 | — | 2,382 | 2,382 | 0.11 | 0.04 | < 0.005 | 2,396 |
| Mit. | 0.45 | 0.44 | 1.57 | 14.5 | 0.02 | 0.04 | 0.34 | 0.38 | 0.04 | 0.04 | 0.08 | — | 2,069 | 2,069 | 0.09 | 0.04 | < 0.005 | 2,082 |
| % Reduced | 66% | 61% | 79% | -8% | 26% | 57% | — | 13% | 53% | — | 37% | — | 13% | 13% | 11% | 5% | — | 13% |

## 2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2048 | 7.72 | 6.71 | 33.3 | 93.6 | 0.18 | 0.79 | 2.72 | 3.50 | 0.72 | 0.31 | 1.04 | — | 18,922 | 18,922 | 0.85 | 0.29 | 0.04 | 19,028 |
| 2049 | 11.2 | 9.53 | 61.2 | 111 | 0.23 | 0.54 | 2.72 | 3.26 | 0.50 | 0.31 | 0.81 | — | 21,961 | 21,961 | 0.97 | 0.31 | 0.03 | 22,078 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2047 | 7.73 | 6.71 | 34.4 | 95.6 | 0.18 | 0.85 | 2.72 | 3.57 | 0.78 | 0.31 | 1.10 | — | 18,913 | 18,913 | 0.88 | 0.32 | < 0.005 | 19,029 |
| 2048 | 11.1 | 9.46 | 61.6 | 113 | 0.23 | 0.79 | 2.72 | 3.50 | 0.72 | 0.31 | 1.04 | — | 21,952 | 21,952 | 1.00 | 0.34 | < 0.005 | 22,079 |
| 2049 | 11.1 | 9.46 | 61.5 | 113 | 0.23 | 0.54 | 2.72 | 3.26 | 0.50 | 0.31 | 0.81 | — | 21,951 | 21,951 | 1.00 | 0.34 | < 0.005 | 22,077 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2047 | 0.86 | 0.75 | 3.82 | 10.5 | 0.02 | 0.09 | 0.29 | 0.39 | 0.09 | 0.03 | 0.12 | — | 2,109 | 2,109 | 0.09 | 0.04 | < 0.005 | 2,122 |
| 2048 | 5.93 | 5.13 | 27.9 | 69.9 | 0.13 | 0.53 | 1.87 | 2.40 | 0.49 | 0.22 | 0.70 | — | 13,978 | 13,978 | 0.63 | 0.23 | 0.01 | 14,062 |
| 2049 | 7.25 | 6.19 | 40.2 | 73.4 | 0.15 | 0.35 | 1.71 | 2.06 | 0.33 | 0.20 | 0.52 | — | 14,390 | 14,390 | 0.64 | 0.22 | 0.01 | 14,472 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2047 | 0.16 | 0.14 | 0.70 | 1.92 | < 0.005 | 0.02 | 0.05 | 0.07 | 0.02 | 0.01 | 0.02 | — | 349 | 349 | 0.02 | 0.01 | < 0.005 | 351 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2048 | 1.08 | 0.94 | 5.09 | 12.8 | 0.02 | 0.10 | 0.34 | 0.44 | 0.09 | 0.04 | 0.13 | — | 2,314 | 2,314 | 0.10 | 0.04 | < 0.005 | 2,328 |
| 2049 | 1.32 | 1.13 | 7.33 | 13.4 | 0.03 | 0.06 | 0.31 | 0.38 | 0.06 | 0.04 | 0.10 | — | 2,382 | 2,382 | 0.11 | 0.04 | < 0.005 | 2,396 |

## 2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2048 | 3.66 | 3.58 | 12.5 | 119 | 0.17 | 0.34 | 2.72 | 3.05 | 0.34 | 0.31 | 0.65 | — | 18,549 | 18,549 | 0.84 | 0.28 | 0.04 | 18,654 |
| 2049 | 3.11 | 3.04 | 9.75 | 75.1 | 0.12 | 0.23 | 2.72 | 2.95 | 0.23 | 0.31 | 0.55 | — | 13,093 | 13,093 | 0.61 | 0.24 | 0.03 | 13,179 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2047 | 3.58 | 3.51 | 12.8 | 121 | 0.17 | 0.34 | 2.72 | 3.05 | 0.34 | 0.31 | 0.65 | — | 18,540 | 18,540 | 0.86 | 0.31 | < 0.005 | 18,655 |
| 2048 | 3.58 | 3.48 | 12.8 | 121 | 0.17 | 0.34 | 2.72 | 3.05 | 0.34 | 0.31 | 0.65 | — | 18,538 | 18,538 | 0.86 | 0.31 | < 0.005 | 18,653 |
| 2049 | 3.06 | 2.96 | 10.1 | 76.7 | 0.12 | 0.23 | 2.72 | 2.95 | 0.23 | 0.31 | 0.55 | — | 13,082 | 13,082 | 0.64 | 0.27 | < 0.005 | 13,178 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2047 | 0.40 | 0.39 | 1.41 | 13.4 | 0.02 | 0.04 | 0.29 | 0.33 | 0.04 | 0.03 | 0.07 | — | 2,068 | 2,068 | 0.09 | 0.03 | < 0.005 | 2,081 |
| 2048 | 2.46 | 2.40 | 8.62 | 79.5 | 0.11 | 0.23 | 1.87 | 2.09 | 0.23 | 0.22 | 0.44 | — | 12,498 | 12,498 | 0.57 | 0.22 | 0.01 | 12,577 |
| 2049 | 1.98 | 1.93 | 6.47 | 49.6 | 0.08 | 0.15 | 1.71 | 1.86 | 0.15 | 0.20 | 0.35 | — | 8,575 | 8,575 | 0.40 | 0.18 | 0.01 | 8,638 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2047 | 0.07 | 0.07 | 0.26 | 2.44 | < 0.005 | 0.01 | 0.05 | 0.06 | 0.01 | 0.01 | 0.01 | — | 342 | 342 | 0.02 | 0.01 | < 0.005 | 344 |
| 2048 | 0.45 | 0.44 | 1.57 | 14.5 | 0.02 | 0.04 | 0.34 | 0.38 | 0.04 | 0.04 | 0.08 | — | 2,069 | 2,069 | 0.09 | 0.04 | < 0.005 | 2,082 |
| 2049 | 0.36 | 0.35 | 1.18 | 9.05 | 0.01 | 0.03 | 0.31 | 0.34 | 0.03 | 0.04 | 0.06 | — | 1,420 | 1,420 | 0.07 | 0.03 | < 0.005 | 1,430 |

# 3. Construction Emissions Details

## 3.1. Tracker Foundations Removal (2047) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 5.82 | 4.88 | 30.3 | 86.8 | 0.17 | 0.85 | — | 0.85 | 0.78 | — | 0.78 | — | 18,030 | 18,030 | 0.73 | 0.15 | — | 18,092 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.65 | 0.54 | 3.38 | 9.68 | 0.02 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 2,011 | 2,011 | 0.08 | 0.02 | — | 2,018 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.12 | 0.10 | 0.62 | 1.77 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 333 | 333 | 0.01 | < 0.005 | — | 334 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.68 | 0.54 | 6.10 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 359 | 359 | 0.12 | 0.09 | < 0.005 | 388 |
| Vendor | 0.13 | 0.10 | 2.39 | 1.82 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 361 | 361 | 0.02 | 0.06 | < 0.005 | 378 |
| Hauling | 0.07 | 0.06 | 1.15 | 0.92 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 163 | 163 | 0.01 | 0.02 | < 0.005 | 170 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.19 | 0.18 | 0.06 | 0.57 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 40.6 | 40.6 | 0.01 | 0.01 | < 0.005 | 43.7 |
| Vendor | 0.02 | 0.01 | 0.26 | 0.20 | < 0.005 | < 0.005 | 0.20 | 0.20 | < 0.005 | 0.02 | 0.02 | — | 39.8 | 39.8 | < 0.005 | 0.01 | < 0.005 | 41.7 |
| Hauling | 0.01 | 0.01 | 0.12 | 0.10 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 17.9 | 17.9 | < 0.005 | < 0.005 | < 0.005 | 18.8 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.01 | 0.10 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 6.72 | 6.72 | < 0.005 | < 0.005 | < 0.005 | 7.24 |
| Vendor | < 0.005 | < 0.005 | 0.05 | 0.04 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | < 0.005 | < 0.005 | — | 6.58 | 6.58 | < 0.005 | < 0.005 | < 0.005 | 6.91 |
| Hauling | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 2.97 | 2.97 | < 0.005 | < 0.005 | < 0.005 | 3.11 |

## 3.2. Tracker Foundations Removal (2047) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.67 | 1.67 | 8.70 | 112 | 0.16 | 0.33 | — | 0.33 | 0.33 | — | 0.33 | — | 17,653 | 17,653 | 0.72 | 0.14 | — | 17,713 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.19 | 0.19 | 0.97 | 12.5 | 0.02 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 1,969 | 1,969 | 0.08 | 0.02 | — | 1,976 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 0.18 | 2.28 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 326 | 326 | 0.01 | < 0.005 | — | 327 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.68 | 0.54 | 6.10 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 359 | 359 | 0.12 | 0.09 | < 0.005 | 388 |
| Vendor | 0.13 | 0.10 | 2.39 | 1.82 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 361 | 361 | 0.02 | 0.06 | < 0.005 | 378 |
| Hauling | 0.07 | 0.06 | 1.15 | 0.92 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 163 | 163 | 0.01 | 0.02 | < 0.005 | 170 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.19 | 0.18 | 0.06 | 0.57 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 40.6 | 40.6 | 0.01 | 0.01 | < 0.005 | 43.7 |
| Vendor | 0.02 | 0.01 | 0.26 | 0.20 | < 0.005 | < 0.005 | 0.20 | 0.20 | < 0.005 | 0.02 | 0.02 | — | 39.8 | 39.8 | < 0.005 | 0.01 | < 0.005 | 41.7 |
| Hauling | 0.01 | 0.01 | 0.12 | 0.10 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 17.9 | 17.9 | < 0.005 | < 0.005 | < 0.005 | 18.8 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.01 | 0.10 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 6.72 | 6.72 | < 0.005 | < 0.005 | < 0.005 | 7.24 |
| Vendor | < 0.005 | < 0.005 | 0.05 | 0.04 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | < 0.005 | < 0.005 | — | 6.58 | 6.58 | < 0.005 | < 0.005 | < 0.005 | 6.91 |
| Hauling | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 2.97 | 2.97 | < 0.005 | < 0.005 | < 0.005 | 3.11 |

## 3.3. Tracker Foundations Removal (2048) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 5.73 | 4.80 | 29.5 | 86.3 | 0.17 | 0.78 | — | 0.78 | 0.72 | — | 0.72 | — | 18,030 | 18,030 | 0.73 | 0.15 | — | 18,092 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 5.73 | 4.80 | 29.5 | 86.3 | 0.17 | 0.78 | — | 0.78 | 0.72 | — | 0.72 | — | 18,030 | 18,030 | 0.73 | 0.15 | — | 18,092 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.28 | 2.75 | 16.9 | 49.5 | 0.10 | 0.45 | — | 0.45 | 0.41 | — | 0.41 | — | 10,338 | 10,338 | 0.42 | 0.08 | — | 10,374 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.60 | 0.50 | 3.09 | 9.03 | 0.02 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 1,712 | 1,712 | 0.07 | 0.01 | — | 1,717 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.76 | 1.74 | 0.49 | 4.59 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 380 | 380 | 0.09 | 0.06 | 0.03 | 399 |
| Vendor | 0.15 | 0.11 | 2.20 | 1.76 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 352 | 352 | 0.02 | 0.06 | < 0.005 | 370 |
| Hauling | 0.08 | 0.06 | 1.07 | 0.90 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 159 | 159 | 0.01 | 0.02 | 0.01 | 167 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.65 | 0.54 | 6.04 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 358 | 358 | 0.12 | 0.09 | < 0.005 | 387 |
| Vendor | 0.13 | 0.10 | 2.38 | 1.82 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 360 | 360 | 0.02 | 0.06 | < 0.005 | 377 |
| Hauling | 0.07 | 0.06 | 1.15 | 0.92 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 163 | 163 | 0.01 | 0.02 | < 0.005 | 170 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.94 | 0.93 | 0.28 | 2.90 | 0.00 | 0.00 | 0.13 | 0.13 | 0.00 | 0.03 | 0.03 | — | 208 | 208 | 0.05 | 0.05 | 0.01 | 224 |
| Vendor | 0.08 | 0.06 | 1.31 | 1.02 | < 0.005 | < 0.005 | 1.05 | 1.05 | < 0.005 | 0.11 | 0.11 | — | 204 | 204 | 0.01 | 0.03 | < 0.005 | 214 |
| Hauling | 0.04 | 0.03 | 0.63 | 0.52 | < 0.005 | < 0.005 | 0.31 | 0.31 | < 0.005 | 0.03 | 0.03 | — | 92.2 | 92.2 | < 0.005 | 0.01 | < 0.005 | 96.5 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.17 | 0.17 | 0.05 | 0.53 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 34.5 | 34.5 | 0.01 | 0.01 | < 0.005 | 37.2 |
| Vendor | 0.01 | 0.01 | 0.24 | 0.19 | < 0.005 | < 0.005 | 0.19 | 0.19 | < 0.005 | 0.02 | 0.02 | — | 33.8 | 33.8 | < 0.005 | 0.01 | < 0.005 | 35.4 |
| Hauling | 0.01 | 0.01 | 0.12 | 0.10 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 15.3 | 15.3 | < 0.005 | < 0.005 | < 0.005 | 16.0 |

## 3.4. Tracker Foundations Removal (2048) - Mitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.67 | 1.67 | 8.70 | 112 | 0.16 | 0.33 | — | 0.33 | 0.33 | — | 0.33 | — | 17,653 | 17,653 | 0.72 | 0.14 | — | 17,713 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.67 | 1.67 | 8.70 | 112 | 0.16 | 0.33 | — | 0.33 | 0.33 | — | 0.33 | — | 17,653 | 17,653 | 0.72 | 0.14 | — | 17,713 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.96 | 0.96 | 4.99 | 64.2 | 0.09 | 0.19 | — | 0.19 | 0.19 | — | 0.19 | — | 10,122 | 10,122 | 0.41 | 0.08 | — | 10,156 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.18 | 0.18 | 0.91 | 11.7 | 0.02 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 1,676 | 1,676 | 0.07 | 0.01 | — | 1,682 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | 1.76 | 1.74 | 0.49 | 4.59 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 380 | 380 | 0.09 | 0.06 | 0.03 | 399 |
| Vendor | 0.15 | 0.11 | 2.20 | 1.76 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 352 | 352 | 0.02 | 0.06 | < 0.005 | 370 |
| Hauling | 0.08 | 0.06 | 1.07 | 0.90 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 159 | 159 | 0.01 | 0.02 | 0.01 | 167 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.65 | 0.54 | 6.04 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 358 | 358 | 0.12 | 0.09 | < 0.005 | 387 |
| Vendor | 0.13 | 0.10 | 2.38 | 1.82 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 360 | 360 | 0.02 | 0.06 | < 0.005 | 377 |
| Hauling | 0.07 | 0.06 | 1.15 | 0.92 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 163 | 163 | 0.01 | 0.02 | < 0.005 | 170 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.94 | 0.93 | 0.28 | 2.90 | 0.00 | 0.00 | 0.13 | 0.13 | 0.00 | 0.03 | 0.03 | — | 208 | 208 | 0.05 | 0.05 | 0.01 | 224 |
| Vendor | 0.08 | 0.06 | 1.31 | 1.02 | < 0.005 | < 0.005 | 1.05 | 1.05 | < 0.005 | 0.11 | 0.11 | — | 204 | 204 | 0.01 | 0.03 | < 0.005 | 214 |
| Hauling | 0.04 | 0.03 | 0.63 | 0.52 | < 0.005 | < 0.005 | 0.31 | 0.31 | < 0.005 | 0.03 | 0.03 | — | 92.2 | 92.2 | < 0.005 | 0.01 | < 0.005 | 96.5 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.17 | 0.17 | 0.05 | 0.53 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 34.5 | 34.5 | 0.01 | 0.01 | < 0.005 | 37.2 |
| Vendor | 0.01 | 0.01 | 0.24 | 0.19 | < 0.005 | < 0.005 | 0.19 | 0.19 | < 0.005 | 0.02 | 0.02 | — | 33.8 | 33.8 | < 0.005 | 0.01 | < 0.005 | 35.4 |
| Hauling | 0.01 | 0.01 | 0.12 | 0.10 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 15.3 | 15.3 | < 0.005 | < 0.005 | < 0.005 | 16.0 |

## 3.5. Mechanical Component Removal (2048) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipm | 9.21 | 7.66 | 57.5 | 104 | 0.23 | 0.54 | — | 0.54 | 0.50 | — | 0.50 | — | 21,072 | 21,072 | 0.85 | 0.17 | — | 21,144 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.32 | 1.09 | 8.21 | 14.9 | 0.03 | 0.08 | — | 0.08 | 0.07 | — | 0.07 | — | 3,010 | 3,010 | 0.12 | 0.02 | — | 3,021 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.24 | 0.20 | 1.50 | 2.72 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 498 | 498 | 0.02 | < 0.005 | — | 500 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.65 | 0.54 | 6.04 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 358 | 358 | 0.12 | 0.09 | < 0.005 | 387 |
| Vendor | 0.13 | 0.10 | 2.38 | 1.82 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 360 | 360 | 0.02 | 0.06 | < 0.005 | 377 |
| Hauling | 0.07 | 0.06 | 1.15 | 0.92 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 163 | 163 | 0.01 | 0.02 | < 0.005 | 170 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.24 | 0.23 | 0.07 | 0.72 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 51.8 | 51.8 | 0.01 | 0.01 | < 0.005 | 55.9 |
| Vendor | 0.02 | 0.02 | 0.33 | 0.25 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 50.8 | 50.8 | < 0.005 | 0.01 | < 0.005 | 53.2 |
| Hauling | 0.01 | 0.01 | 0.16 | 0.13 | < 0.005 | < 0.005 | 0.08 | 0.08 | < 0.005 | 0.01 | 0.01 | — | 23.0 | 23.0 | < 0.005 | < 0.005 | < 0.005 | 24.1 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.04 | 0.01 | 0.13 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 8.58 | 8.58 | < 0.005 | < 0.005 | < 0.005 | 9.26 |
| Vendor | < 0.005 | < 0.005 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | < 0.005 | 0.01 | — | 8.41 | 8.41 | < 0.005 | < 0.005 | < 0.005 | 8.81 |
| Hauling | < 0.005 | < 0.005 | 0.03 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 3.80 | 3.80 | < 0.005 | < 0.005 | < 0.005 | 3.98 |

## 3.6. Mechanical Component Removal (2048) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.15 | 1.15 | 6.00 | 67.9 | 0.11 | 0.23 | — | 0.23 | 0.23 | — | 0.23 | — | 12,198 | 12,198 | 0.49 | 0.10 | — | 12,240 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.16 | 0.16 | 0.86 | 9.70 | 0.02 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 1,743 | 1,743 | 0.07 | 0.01 | — | 1,749 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 0.16 | 1.77 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 289 | 289 | 0.01 | < 0.005 | — | 290 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.65 | 0.54 | 6.04 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 358 | 358 | 0.12 | 0.09 | < 0.005 | 387 |
| Vendor | 0.13 | 0.10 | 2.38 | 1.82 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 360 | 360 | 0.02 | 0.06 | < 0.005 | 377 |
| Hauling | 0.07 | 0.06 | 1.15 | 0.92 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 163 | 163 | 0.01 | 0.02 | < 0.005 | 170 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.24 | 0.23 | 0.07 | 0.72 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 51.8 | 51.8 | 0.01 | 0.01 | < 0.005 | 55.9 |
| Vendor | 0.02 | 0.02 | 0.33 | 0.25 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 50.8 | 50.8 | < 0.005 | 0.01 | < 0.005 | 53.2 |
| Hauling | 0.01 | 0.01 | 0.16 | 0.13 | < 0.005 | < 0.005 | 0.08 | 0.08 | < 0.005 | 0.01 | 0.01 | — | 23.0 | 23.0 | < 0.005 | < 0.005 | < 0.005 | 24.1 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.04 | 0.01 | 0.13 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 8.58 | 8.58 | < 0.005 | < 0.005 | < 0.005 | 9.26 |
| Vendor | < 0.005 | < 0.005 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | < 0.005 | 0.01 | — | 8.41 | 8.41 | < 0.005 | < 0.005 | < 0.005 | 8.81 |
| Hauling | < 0.005 | < 0.005 | 0.03 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 3.80 | 3.80 | < 0.005 | < 0.005 | < 0.005 | 3.98 |

## 3.7. Mechanical Component Removal (2049) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | 9.20 | 7.65 | 57.4 | 104 | 0.23 | 0.54 | — | 0.54 | 0.50 | — | 0.50 | — | 21,072 | 21,072 | 0.85 | 0.17 | — | 21,144 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 9.20 | 7.65 | 57.4 | 104 | 0.23 | 0.54 | — | 0.54 | 0.50 | — | 0.50 | — | 21,072 | 21,072 | 0.85 | 0.17 | — | 21,144 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.03 | 5.02 | 37.6 | 68.3 | 0.15 | 0.35 | — | 0.35 | 0.32 | — | 0.32 | — | 13,814 | 13,814 | 0.56 | 0.11 | — | 13,862 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.10 | 0.92 | 6.87 | 12.5 | 0.03 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 2,287 | 2,287 | 0.09 | 0.02 | — | 2,295 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.74 | 1.71 | 0.49 | 4.56 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 379 | 379 | 0.09 | 0.06 | 0.02 | 399 |
| Vendor | 0.15 | 0.11 | 2.20 | 1.76 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 352 | 352 | 0.02 | 0.06 | < 0.005 | 369 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hauling | 0.08 | 0.06 | 1.07 | 0.90 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 159 | 159 | 0.01 | 0.02 | 0.01 | 167 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.65 | 0.54 | 6.04 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 357 | 357 | 0.12 | 0.09 | < 0.005 | 386 |
| Vendor | 0.13 | 0.10 | 2.38 | 1.81 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 359 | 359 | 0.02 | 0.06 | < 0.005 | 376 |
| Hauling | 0.07 | 0.06 | 1.15 | 0.93 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 163 | 163 | 0.01 | 0.02 | < 0.005 | 170 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.08 | 1.06 | 0.32 | 3.30 | 0.00 | 0.00 | 0.15 | 0.15 | 0.00 | 0.04 | 0.04 | — | 238 | 238 | 0.06 | 0.06 | 0.01 | 256 |
| Vendor | 0.09 | 0.07 | 1.49 | 1.17 | < 0.005 | < 0.005 | 1.20 | 1.20 | < 0.005 | 0.13 | 0.13 | — | 233 | 233 | 0.01 | 0.04 | < 0.005 | 244 |
| Hauling | 0.05 | 0.04 | 0.72 | 0.60 | < 0.005 | < 0.005 | 0.35 | 0.35 | < 0.005 | 0.04 | 0.04 | — | 105 | 105 | 0.01 | 0.02 | < 0.005 | 110 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.20 | 0.19 | 0.06 | 0.60 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 39.3 | 39.3 | 0.01 | 0.01 | < 0.005 | 42.4 |
| Vendor | 0.02 | 0.01 | 0.27 | 0.21 | < 0.005 | < 0.005 | 0.22 | 0.22 | < 0.005 | 0.02 | 0.02 | — | 38.5 | 38.5 | < 0.005 | 0.01 | < 0.005 | 40.4 |
| Hauling | 0.01 | 0.01 | 0.13 | 0.11 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 17.4 | 17.4 | < 0.005 | < 0.005 | < 0.005 | 18.3 |

## 3.8. Mechanical Component Removal (2049) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.15 | 1.15 | 6.00 | 67.9 | 0.11 | 0.23 | — | 0.23 | 0.23 | — | 0.23 | — | 12,198 | 12,198 | 0.49 | 0.10 | — | 12,240 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.15 | 1.15 | 6.00 | 67.9 | 0.11 | 0.23 | — | 0.23 | 0.23 | — | 0.23 | — | 12,198 | 12,198 | 0.49 | 0.10 | — | 12,240 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.76 | 0.76 | 3.94 | 44.5 | 0.07 | 0.15 | — | 0.15 | 0.15 | — | 0.15 | — | 7,997 | 7,997 | 0.32 | 0.06 | — | 8,024 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.14 | 0.14 | 0.72 | 8.12 | 0.01 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 1,324 | 1,324 | 0.05 | 0.01 | — | 1,329 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.74 | 1.71 | 0.49 | 4.56 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 379 | 379 | 0.09 | 0.06 | 0.02 | 399 |
| Vendor | 0.15 | 0.11 | 2.20 | 1.76 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 352 | 352 | 0.02 | 0.06 | < 0.005 | 369 |
| Hauling | 0.08 | 0.06 | 1.07 | 0.90 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 159 | 159 | 0.01 | 0.02 | 0.01 | 167 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.71 | 1.65 | 0.54 | 6.04 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 357 | 357 | 0.12 | 0.09 | < 0.005 | 386 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.13 | 0.10 | 2.38 | 1.81 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 359 | 359 | 0.02 | 0.06 | < 0.005 | 376 |
| Hauling | 0.07 | 0.06 | 1.15 | 0.93 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 163 | 163 | 0.01 | 0.02 | < 0.005 | 170 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.08 | 1.06 | 0.32 | 3.30 | 0.00 | 0.00 | 0.15 | 0.15 | 0.00 | 0.04 | 0.04 | — | 238 | 238 | 0.06 | 0.06 | 0.01 | 256 |
| Vendor | 0.09 | 0.07 | 1.49 | 1.17 | < 0.005 | < 0.005 | 1.20 | 1.20 | < 0.005 | 0.13 | 0.13 | — | 233 | 233 | 0.01 | 0.04 | < 0.005 | 244 |
| Hauling | 0.05 | 0.04 | 0.72 | 0.60 | < 0.005 | < 0.005 | 0.35 | 0.35 | < 0.005 | 0.04 | 0.04 | — | 105 | 105 | 0.01 | 0.02 | < 0.005 | 110 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.20 | 0.19 | 0.06 | 0.60 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 39.3 | 39.3 | 0.01 | 0.01 | < 0.005 | 42.4 |
| Vendor | 0.02 | 0.01 | 0.27 | 0.21 | < 0.005 | < 0.005 | 0.22 | 0.22 | < 0.005 | 0.02 | 0.02 | — | 38.5 | 38.5 | < 0.005 | 0.01 | < 0.005 | 40.4 |
| Hauling | 0.01 | 0.01 | 0.13 | 0.11 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 17.4 | 17.4 | < 0.005 | < 0.005 | < 0.005 | 18.3 |

# 4. Operations Emissions Details

## 4.10. Soil Carbon Accumulation By Vegetation Type

### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

# 5. Activity Data

## 5.1. Construction Schedule

| Phase Name | Phase Type | Start Date | End Date | Days Per Week | Work Days per Phase | Phase Description |
|---|---|---|---|---|---|---|
| Tracker Foundations Removal | Building Construction | 11/5/2047 | 10/19/2048 | 5.00 | 250 | Phase 2 |
| Mechanical Component Removal | Building Construction | 10/20/2048 | 12/1/2049 | 5.00 | 292 | Phase 4 |

## 5.2. Off-Road Equipment

### 5.2.1. Unmitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Tracker Foundations Removal | Generator Sets | Diesel | Average | 4.00 | 8.00 | 49.9 | 0.74 |
| Tracker Foundations Removal | Air Compressors | Diesel | Average | 1.00 | 8.00 | 49.9 | 0.48 |
| Tracker Foundations Removal | Off-Highway Trucks | Diesel | Average | 7.00 | 4.00 | 402 | 0.38 |
| Tracker Foundations Removal | Other Construction Equipment | Diesel | Average | 1.00 | 2.00 | 172 | 0.42 |
| Tracker Foundations Removal | Rough Terrain Forklifts | Diesel | Average | 7.00 | 8.00 | 100 | 0.40 |
| Tracker Foundations Removal | Rubber Tired Loaders | Diesel | Average | 1.00 | 8.00 | 203 | 0.36 |
| Tracker Foundations Removal | Other Construction Equipment | Diesel | Average | 9.00 | 8.00 | 158 | 0.42 |
| Tracker Foundations Removal | Skid Steer Loaders | Diesel | Average | 9.00 | 8.00 | 75.0 | 0.37 |
| Mechanical Component Removal | Generator Sets | Diesel | Average | 11.0 | 8.00 | 49.9 | 0.74 |
| Mechanical Component Removal | Air Compressors | Diesel | Average | 20.0 | 8.00 | 49.9 | 0.48 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mechanical Component Removal | Off-Highway Trucks | Diesel | Average | 8.00 | 4.00 | 402 | 0.38 |
| Mechanical Component Removal | Other Construction Equipment | Diesel | Average | 1.00 | 2.00 | 172 | 0.42 |
| Mechanical Component Removal | Rough Terrain Forklifts | Diesel | Average | 9.00 | 8.00 | 100 | 0.40 |
| Mechanical Component Removal | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 203 | 0.36 |
| Mechanical Component Removal | Skid Steer Loaders | Diesel | Average | 1.00 | 8.00 | 75.0 | 0.37 |

### 5.2.2. Mitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Tracker Foundations Removal | Generator Sets | Electric | Average | 4.00 | 8.00 | 49.9 | 0.74 |
| Tracker Foundations Removal | Air Compressors | Electric | Average | 1.00 | 8.00 | 49.9 | 0.48 |
| Tracker Foundations Removal | Off-Highway Trucks | Diesel | Tier 4 Final | 7.00 | 4.00 | 402 | 0.38 |
| Tracker Foundations Removal | Other Construction Equipment | Diesel | Tier 4 Final | 9.00 | 2.00 | 172 | 0.42 |
| Tracker Foundations Removal | Rough Terrain Forklifts | Diesel | Tier 4 Final | 7.00 | 8.00 | 100 | 0.40 |
| Tracker Foundations Removal | Rubber Tired Loaders | Diesel | Tier 4 Final | 1.00 | 8.00 | 203 | 0.36 |
| Tracker Foundations Removal | Other Construction Equipment | Diesel | Tier 4 Final | 9.00 | 8.00 | 158 | 0.42 |
| Tracker Foundations Removal | Skid Steer Loaders | Diesel | Tier 4 Final | 9.00 | 8.00 | 75.0 | 0.37 |
| Mechanical Component Removal | Generator Sets | Electric | Average | 11.0 | 8.00 | 49.9 | 0.74 |
| Mechanical Component Removal | Air Compressors | Electric | Average | 20.0 | 8.00 | 49.9 | 0.48 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mechanical Component Removal | Off-Highway Trucks | Diesel | Tier 4 Final | 8.00 | 4.00 | 402 | 0.38 |
| Mechanical Component Removal | Other Construction Equipment | Diesel | Tier 4 Final | 1.00 | 2.00 | 172 | 0.42 |
| Mechanical Component Removal | Rough Terrain Forklifts | Diesel | Tier 4 Final | 9.00 | 8.00 | 100 | 0.40 |
| Mechanical Component Removal | Rubber Tired Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 203 | 0.36 |
| Mechanical Component Removal | Skid Steer Loaders | Diesel | Tier 4 Final | 1.00 | 8.00 | 75.0 | 0.37 |

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Tracker Foundations Removal | — | — | — | — |
| Tracker Foundations Removal | Worker | 1,334 | 0.25 | LDA,LDT1,LDT2 |
| Tracker Foundations Removal | Vendor | 252 | 0.25 | HHDT,MHDT |
| Tracker Foundations Removal | Hauling | 74.0 | 0.25 | HHDT |
| Tracker Foundations Removal | Onsite truck | — | — | HHDT |
| Mechanical Component Removal | — | — | — | — |
| Mechanical Component Removal | Worker | 1,334 | 0.25 | LDA,LDT1,LDT2 |
| Mechanical Component Removal | Vendor | 252 | 0.25 | HHDT,MHDT |
| Mechanical Component Removal | Hauling | 74.0 | 0.25 | HHDT |
| Mechanical Component Removal | Onsite truck | — | — | HHDT |

### 5.3.2. Mitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Tracker Foundations Removal | — | — | — | — |
| Tracker Foundations Removal | Worker | 1,334 | 0.25 | LDA,LDT1,LDT2 |

| | | | | |
|---|---|---|---|---|
| Tracker Foundations Removal | Vendor | 252 | 0.25 | HHDT,MHDT |
| Tracker Foundations Removal | Hauling | 74.0 | 0.25 | HHDT |
| Tracker Foundations Removal | Onsite truck | — | — | HHDT |
| Mechanical Component Removal | — | — | — | — |
| Mechanical Component Removal | Worker | 1,334 | 0.25 | LDA,LDT1,LDT2 |
| Mechanical Component Removal | Vendor | 252 | 0.25 | HHDT,MHDT |
| Mechanical Component Removal | Hauling | 74.0 | 0.25 | HHDT |
| Mechanical Component Removal | Onsite truck | — | — | HHDT |

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

| Control Strategies Applied | PM10 Reduction | PM2.5 Reduction |
|---|---|---|
| Water unpaved roads twice daily | 55% | 55% |
| Limit vehicle speeds on unpaved roads to 25 mph | 67% | 67% |

## 5.5. Architectural Coatings

| Phase Name | Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|---|---|---|---|---|---|

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

| Phase Name | Material Imported (cy) | Material Exported (cy) | Acres Graded (acres) | Material Demolished (sq. ft.) | Acres Paved (acres) |
|---|---|---|---|---|---|

### 5.6.2. Construction Earthmoving Control Strategies

| Control Strategies Applied | Frequency (per day) | PM10 Reduction | PM2.5 Reduction |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Water Exposed Area | 2 | 61% | 61% |

## 5.7. Construction Paving

| Land Use | Area Paved (acres) | % Asphalt |
|---|---|---|
| General Light Industry | 0.00 | 0% |
| General Office Building | 0.00 | 0% |

## 5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4 | N2O |
|---|---|---|---|---|
| 2047 | 0.00 | 204 | 0.03 | < 0.005 |
| 2048 | 0.00 | 204 | 0.03 | < 0.005 |
| 2049 | 0.00 | 204 | 0.03 | < 0.005 |

## 5.18. Vegetation

### 5.18.1. Land Use Change

#### 5.18.1.1. Unmitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

#### 5.18.1.2. Mitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

### 5.18.1. Biomass Cover Type

#### 5.18.1.1. Unmitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

### 5.18.1.2. Mitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

### 5.18.2. Sequestration

### 5.18.2.1. Unmitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

### 5.18.2.2. Mitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

# 6. Climate Risk Detailed Report

## 6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

| Climate Hazard | Result for Project Location | Unit |
|---|---|---|
| Temperature and Extreme Heat | 21.4 | annual days of extreme heat |
| Extreme Precipitation | 0.00 | annual days with precipitation above 20 mm |
| Sea Level Rise | 0.00 | meters of inundation depth |
| Wildfire | 0.00 | annual hectares burned |

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

## 6.2. Initial Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | 1 | 0 | 0 | N/A |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | N/A | N/A | N/A | N/A |
| Wildfire | N/A | N/A | N/A | N/A |
| Flooding | 0 | 0 | 0 | N/A |
| Drought | 0 | 0 | 0 | N/A |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | 0 | 0 | 0 | N/A |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

## 6.3. Adjusted Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | 1 | 1 | 1 | 2 |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | N/A | N/A | N/A | N/A |
| Wildfire | N/A | N/A | N/A | N/A |
| Flooding | 1 | 1 | 1 | 2 |
| Drought | 1 | 1 | 1 | 2 |

| | | | | |
|---|---|---|---|---|
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | 1 | 1 | 1 | 2 |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

## 6.4. Climate Risk Reduction Measures

# 7. Health and Equity Details

## 7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|
| Exposure Indicators | — |
| AQ-Ozone | 82.5 |
| AQ-PM | 95.4 |
| AQ-DPM | 5.76 |
| Drinking Water | 96.1 |
| Lead Risk Housing | 81.4 |
| Pesticides | 94.1 |
| Toxic Releases | 50.9 |
| Traffic | 0.71 |
| Effect Indicators | — |
| CleanUp Sites | 7.71 |
| Groundwater | 85.3 |
| Haz Waste Facilities/Generators | 67.6 |
| Impaired Water Bodies | 0.00 |
| Solid Waste | 86.5 |

| | |
|---|---|
| Sensitive Population | — |
| Asthma | 42.4 |
| Cardio-vascular | 67.5 |
| Low Birth Weights | 15.4 |
| Socioeconomic Factor Indicators | — |
| Education | 86.9 |
| Housing | 79.3 |
| Linguistic | 95.6 |
| Poverty | 87.8 |
| Unemployment | 61.5 |

## 7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|
| Economic | — |
| Above Poverty | — |
| Employed | — |
| Median HI | — |
| Education | — |
| Bachelor's or higher | — |
| High school enrollment | — |
| Preschool enrollment | — |
| Transportation | — |
| Auto Access | — |
| Active commuting | — |
| Social | — |
| 2-parent households | — |
| Voting | — |

| | |
|---|---|
| Neighborhood | — |
| Alcohol availability | — |
| Park access | — |
| Retail density | — |
| Supermarket access | — |
| Tree canopy | — |
| Housing | — |
| Homeownership | — |
| Housing habitability | — |
| Low-inc homeowner severe housing cost burden | — |
| Low-inc renter severe housing cost burden | — |
| Uncrowded housing | — |
| Health Outcomes | — |
| Insured adults | — |
| Arthritis | 0.0 |
| Asthma ER Admissions | 55.4 |
| High Blood Pressure | 0.0 |
| Cancer (excluding skin) | 0.0 |
| Asthma | 0.0 |
| Coronary Heart Disease | 0.0 |
| Chronic Obstructive Pulmonary Disease | 0.0 |
| Diagnosed Diabetes | 0.0 |
| Life Expectancy at Birth | 0.0 |
| Cognitively Disabled | 64.4 |
| Physically  Disabled | 74.5 |
| Heart Attack ER Admissions | 23.2 |
| Mental Health Not Good | 0.0 |
| Chronic Kidney Disease | 0.0 |

| | |
|---|---|
| Obesity | 0.0 |
| Pedestrian Injuries | 0.0 |
| Physical Health Not Good | 0.0 |
| Stroke | 0.0 |
| Health Risk Behaviors | — |
| Binge Drinking | 0.0 |
| Current Smoker | 0.0 |
| No Leisure Time for Physical Activity | 0.0 |
| Climate Change Exposures | — |
| Wildfire Risk | 0.0 |
| SLR Inundation Area | 0.0 |
| Children | 65.5 |
| Elderly | 68.4 |
| English Speaking | 0.0 |
| Foreign-born | 0.0 |
| Outdoor Workers | 1.8 |
| Climate Change Adaptive Capacity | — |
| Impervious Surface Cover | 96.4 |
| Traffic Density | 0.0 |
| Traffic Access | 0.0 |
| Other Indices | — |
| Hardship | 0.0 |
| Other Decision Support | — |
| 2016 Voting | 0.0 |

## 7.3. Overall Health & Equity Scores

| Metric | Result for Project Census Tract |
|---|---|
| CalEnviroScreen 4.0 Score for Project Location (a) | 83.0 |

| | |
|---|---|
| Healthy Places Index Score for Project Location (b) | — |
| Project Located in a Designated Disadvantaged Community (Senate Bill 535) | Yes |
| Project Located in a Low-Income Community (Assembly Bill 1550) | Yes |
| Project Located in a Community Air Protection Program Community (Assembly Bill 617) | No |

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

## 7.4. Health & Equity Measures

No Health & Equity Measures selected.

## 7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

## 7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

# 8. User Changes to Default Data

| Screen | Justification |
|---|---|
| Land Use | Modeling battery storage station as general light industrial. Assuming maximum square footage allowed for the land use. |
| Construction: Construction Phases | Based on construction phases. Solar only. |
| Construction: Off-Road Equipment | Equipment, operating hours, and horsepower were based on the Bellefield solar project assumptions. Bellefield assumptions for generator sets, air compressors, and plate compactors that exceeded the maximum horsepower for that equipment were reduced to match the maximum. |
| Construction: Trips and VMT | Adjusted using list of construction trip assumptions. |
| Construction: On-Road Fugitive Dust | Assuming a quarter mile unpaved road distance for haul and vendor trucks, assuming 100% paved for worker vehicles |
| Operations: Vehicle Data | Assuming 40 one-way trips for the 20 full-time office building employees. |
| Operations: Water and Waste Water | Assuming 7 acre-feet of outdoor water use for solar panels per year. Office building uses a septic tank. |
| Operations: Refrigerants | Added "Other commercial A/C and heat pumps" to represent SF6 emissions from substations. |

| Year | PG&E GHG Emission Factor | Avoided GHG Emissions |
|---|---|---|
| | lb $CO_2e$/MWh | $MTCO_2$ |
| 2019 | 205.95 | |
| 2020 | 198.03 | |
| 2021 | 190.10 | - |
| 2022 | 182.18 | - |
| 2023 | 174.26 | - |
| 2024 | 166.34 | - |
| 2025 | 158.42 | - |
| 2026 | 150.50 | - |
| 2027 | 142.58 | - |
| 2028 | 134.66 | - |
| 2029 | 126.74 | - |
| 2030 | 118.82 | 182,718.23 |
| 2031 | 110.89 | 170,537.01 |
| 2032 | 102.97 | 158,355.80 |
| 2033 | 95.05 | 146,174.58 |
| 2034 | 87.13 | 133,993.37 |
| 2035 | 79.21 | 121,812.15 |
| 2036 | 71.29 | 109,630.94 |
| 2037 | 63.37 | 97,449.72 |
| 2038 | 55.45 | 85,268.51 |
| 2039 | 47.53 | 73,087.29 |
| 2040 | 39.61 | 60,906.08 |
| 2041 | 31.68 | 48,724.86 |
| 2042 | 23.76 | 36,543.65 |
| 2043 | 15.84 | 24,362.43 |
| 2044 | 7.92 | 12,181.22 |
| 2045 | 0.00 | 0.00 |
| **Total** | | **1,461,745.82** |

| Source | Breaker (kV) | Number of Breakers | Pounds of $SF_6$ | MT of $SF_6$ | Leak Rate | Global Warming Potential | MT $CO_2e$ |
|---|---|---|---|---|---|---|---|
| Collector Substation Breakers | 138 | 36 | 745 | 0.338 | 1% | 23,900 | 40.39 |
| PG&E Substation Breaker | 115 | 1 | 61.2 | 0.028 | 1% | 23,900 | 3.32 |
| | | | 806 | | | | 43.71 |

# Appendix B
Health Risk Assessment

# Table of Contents


| | |
|---|---|
| Buttonbush Solar HRA Detailed Report | 2 |
| HRA AERMOD Output | 98 |
| ProjectSummaryReport Unmitigated | 347 |
| ResidentialOutput | 350 |
| ResidentialCancerRiskSumByRec | 352 |
| ResidentialNCChronicRiskSumByRec | 395 |
| ProjectSummaryReport Mitigated | 434 |
| Residential MitigatedOutput | 437 |
| Residential MitigatedCancerRiskSumByRec | 439 |
| Residential MitigatedNCChronicRiskSumByRec | 482 |

# Buttonbush Solar HRA Detailed Report

## Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

3.2. Site Preparation (2025) - Mitigated

3.3. Site Preparation (2026) - Unmitigated

3.4. Site Preparation (2026) - Mitigated

3.5. Tracker Foundations (2026) - Unmitigated

3.6. Tracker Foundations (2026) - Mitigated

3.7. Tracker Foundations (2027) - Unmitigated

3.8. Tracker Foundations (2027) - Mitigated

3.9. Electrical Installation (2029) - Unmitigated

3.10. Electrical Installation (2029) - Mitigated

3.11. Electrical Installation (2030) - Unmitigated

3.12. Electrical Installation (2030) - Mitigated

3.13. Mechanical Installation (2028) - Unmitigated

3.14. Mechanical Installation (2028) - Mitigated

3.15. Mechanical Installation (2029) - Unmitigated

3.16. Mechanical Installation (2029) - Mitigated

3.17. Underground Cabling (2027) - Unmitigated

3.18. Underground Cabling (2027) - Mitigated

3.19. Underground Cabling (2028) - Unmitigated

3.20. Underground Cabling (2028) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

# 1. Basic Project Information

## 1.1. Basic Project Information

| Data Field | Value |
|---|---|
| Project Name | Buttonbush Solar HRA |
| Construction Start Date | 7/1/2025 |
| Operational Year | 2030 |
| Lead Agency | — |
| Land Use Scale | Project/site |
| Analysis Level for Defaults | County |
| Windspeed (m/s) | 2.70 |
| Precipitation (days) | 16.2 |
| Location | 35.45281010000666, -119.43940020399636 |
| County | Kern-San Joaquin |
| City | Unincorporated |
| Air District | San Joaquin Valley APCD |
| Air Basin | San Joaquin Valley |
| TAZ | 2940 |
| EDFZ | 5 |
| Electric Utility | Pacific Gas & Electric Company |
| Gas Utility | Southern California Gas |
| App Version | 2022.1.1.29 |

## 1.2. Land Use Types

| Land Use Subtype | Size | Unit | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscape Area (sq ft) | Population | Description |
|---|---|---|---|---|---|---|---|---|
| General Light Industry | 50.0 | 1000sqft | 100 | 50,000 | — | — | — | — |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| General Office Building | 3.20 | 1000sqft | 0.07 | 3,200 | — | — | — | — |

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

| Sector | # | Measure Title |
|---|---|---|
| Construction | C-1-A | Use Electric or Hybrid Powered Equipment |
| Construction | C-5 | Use Advanced Engine Tiers |
| Construction | C-9 | Use Dust Suppressants |

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 26.3 | 22.1 | 178 | 153 | 0.31 | 9.52 | 5.61 | 15.1 | 8.76 | 0.59 | 9.35 | — | 32,969 | 32,969 | 1.36 | 0.44 | 1.21 | 33,137 |
| Mit. | 3.71 | 3.42 | 30.7 | 190 | 0.30 | 0.60 | 5.61 | 6.21 | 0.60 | 0.59 | 1.19 | — | 32,407 | 32,407 | 1.34 | 0.44 | 1.21 | 32,573 |
| % Reduced | 86% | 84% | 83% | -25% | 3% | 94% | — | 59% | 93% | — | 87% | — | 2% | 2% | 2% | 1% | — | 2% |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 24.4 | 20.4 | 160 | 161 | 0.38 | 8.70 | 4.96 | 13.2 | 8.00 | 0.52 | 8.48 | — | 37,494 | 37,494 | 1.55 | 0.49 | 0.03 | 37,679 |
| Mit. | 5.86 | 5.37 | 41.6 | 175 | 0.30 | 0.80 | 4.96 | 5.76 | 0.78 | 0.52 | 1.30 | — | 31,501 | 31,501 | 1.31 | 0.44 | 0.03 | 31,666 |
| % Reduced | 76% | 74% | 74% | -9% | 21% | 91% | — | 56% | 90% | — | 85% | — | 16% | 16% | 16% | 10% | — | 16% |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unmit. | 10.7 | 8.97 | 72.4 | 74.9 | 0.16 | 3.94 | 1.93 | 5.86 | 3.62 | 0.20 | 3.82 | — | 15,222 | 15,222 | 0.63 | 0.19 | 0.20 | 15,295 |
| Mit. | 2.49 | 2.20 | 20.6 | 76.8 | 0.12 | 0.39 | 1.93 | 2.16 | 0.38 | 0.20 | 0.56 | — | 12,711 | 12,711 | 0.53 | 0.17 | 0.20 | 12,775 |
| % Reduced | 77% | 76% | 72% | -2% | 26% | 90% | — | 63% | 90% | — | 85% | — | 16% | 16% | 16% | 11% | — | 16% |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.95 | 1.64 | 13.2 | 13.7 | 0.03 | 0.72 | 0.35 | 1.07 | 0.66 | 0.04 | 0.70 | — | 2,520 | 2,520 | 0.10 | 0.03 | 0.03 | 2,532 |
| Mit. | 0.46 | 0.40 | 3.76 | 14.0 | 0.02 | 0.07 | 0.35 | 0.39 | 0.07 | 0.04 | 0.10 | — | 2,104 | 2,104 | 0.09 | 0.03 | 0.03 | 2,115 |
| % Reduced | 77% | 76% | 72% | -2% | 26% | 90% | — | 63% | 90% | — | 85% | — | 16% | 16% | 16% | 11% | — | 16% |

## 2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 10.1 | 8.46 | 71.5 | 50.4 | 0.13 | 3.48 | 3.13 | 6.61 | 3.20 | 0.33 | 3.53 | — | 14,262 | 14,262 | 0.59 | 0.20 | 0.61 | 14,336 |
| 2026 | 26.3 | 22.1 | 178 | 153 | 0.31 | 9.52 | 5.61 | 15.1 | 8.76 | 0.59 | 9.35 | — | 32,969 | 32,969 | 1.36 | 0.44 | 1.21 | 33,137 |
| 2027 | 8.26 | 6.92 | 53.0 | 38.6 | 0.11 | 2.72 | 2.07 | 4.79 | 2.50 | 0.22 | 2.72 | — | 11,936 | 11,936 | 0.50 | 0.17 | 0.48 | 12,000 |
| 2028 | 13.0 | 10.8 | 85.5 | 111 | 0.23 | 2.48 | 2.48 | 4.96 | 2.28 | 0.26 | 2.54 | — | 21,806 | 21,806 | 0.90 | 0.27 | 0.52 | 21,909 |
| 2029 | 7.16 | 6.11 | 36.2 | 51.3 | 0.15 | 1.32 | 2.48 | 3.80 | 1.22 | 0.26 | 1.48 | — | 15,678 | 15,678 | 0.65 | 0.22 | 0.46 | 15,761 |
| 2030 | 7.03 | 6.00 | 34.8 | 51.2 | 0.15 | 1.27 | 2.48 | 3.75 | 1.17 | 0.26 | 1.43 | — | 15,665 | 15,665 | 0.65 | 0.21 | 0.41 | 15,746 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 10.1 | 8.44 | 71.7 | 50.5 | 0.13 | 3.48 | 3.13 | 6.61 | 3.20 | 0.33 | 3.53 | — | 14,271 | 14,271 | 0.59 | 0.20 | 0.02 | 14,345 |
| 2026 | 16.4 | 13.7 | 111 | 103 | 0.18 | 6.16 | 3.13 | 8.65 | 5.67 | 0.33 | 5.93 | — | 18,724 | 18,724 | 0.77 | 0.25 | 0.02 | 18,818 |
| 2027 | 24.4 | 20.4 | 160 | 141 | 0.29 | 8.70 | 4.55 | 13.2 | 8.00 | 0.48 | 8.48 | — | 30,655 | 30,655 | 1.27 | 0.42 | 0.03 | 30,812 |
| 2028 | 21.2 | 17.7 | 138 | 150 | 0.34 | 5.18 | 4.55 | 9.72 | 4.76 | 0.48 | 5.24 | — | 33,751 | 33,751 | 1.40 | 0.44 | 0.02 | 33,919 |
| 2029 | 18.8 | 15.8 | 115 | 161 | 0.38 | 3.12 | 4.96 | 8.08 | 2.87 | 0.52 | 3.39 | — | 37,494 | 37,494 | 1.55 | 0.49 | 0.02 | 37,679 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2030 | 7.00 | 5.98 | 35.0 | 51.3 | 0.15 | 1.27 | 2.48 | 3.75 | 1.17 | 0.26 | 1.43 | — | 15,676 | 15,676 | 0.65 | 0.22 | 0.01 | 15,758 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 3.63 | 3.04 | 25.8 | 18.2 | 0.05 | 1.25 | 1.09 | 2.35 | 1.15 | 0.12 | 1.27 | — | 5,137 | 5,137 | 0.21 | 0.07 | 0.09 | 5,163 |
| 2026 | 10.7 | 8.97 | 72.4 | 64.2 | 0.12 | 3.94 | 1.93 | 5.86 | 3.62 | 0.20 | 3.82 | — | 12,909 | 12,909 | 0.53 | 0.17 | 0.20 | 12,974 |
| 2027 | 7.52 | 6.31 | 49.0 | 39.9 | 0.09 | 2.60 | 1.54 | 4.14 | 2.39 | 0.16 | 2.55 | — | 10,080 | 10,080 | 0.42 | 0.14 | 0.16 | 10,133 |
| 2028 | 9.19 | 7.64 | 60.3 | 74.9 | 0.16 | 1.88 | 1.73 | 3.61 | 1.73 | 0.18 | 1.91 | — | 15,222 | 15,222 | 0.63 | 0.19 | 0.16 | 15,295 |
| 2029 | 6.06 | 5.13 | 33.9 | 47.7 | 0.12 | 1.06 | 1.77 | 2.83 | 0.98 | 0.19 | 1.16 | — | 12,674 | 12,674 | 0.53 | 0.17 | 0.15 | 12,739 |
| 2030 | 2.32 | 1.98 | 11.5 | 17.0 | 0.05 | 0.42 | 0.78 | 1.20 | 0.39 | 0.08 | 0.47 | — | 5,182 | 5,182 | 0.22 | 0.07 | 0.06 | 5,210 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 0.66 | 0.56 | 4.70 | 3.31 | 0.01 | 0.23 | 0.20 | 0.43 | 0.21 | 0.02 | 0.23 | — | 850 | 850 | 0.04 | 0.01 | 0.02 | 855 |
| 2026 | 1.95 | 1.64 | 13.2 | 11.7 | 0.02 | 0.72 | 0.35 | 1.07 | 0.66 | 0.04 | 0.70 | — | 2,137 | 2,137 | 0.09 | 0.03 | 0.03 | 2,148 |
| 2027 | 1.37 | 1.15 | 8.94 | 7.28 | 0.02 | 0.47 | 0.28 | 0.76 | 0.44 | 0.03 | 0.47 | — | 1,669 | 1,669 | 0.07 | 0.02 | 0.03 | 1,678 |
| 2028 | 1.68 | 1.39 | 11.0 | 13.7 | 0.03 | 0.34 | 0.32 | 0.66 | 0.32 | 0.03 | 0.35 | — | 2,520 | 2,520 | 0.10 | 0.03 | 0.03 | 2,532 |
| 2029 | 1.11 | 0.94 | 6.18 | 8.70 | 0.02 | 0.19 | 0.32 | 0.52 | 0.18 | 0.03 | 0.21 | — | 2,098 | 2,098 | 0.09 | 0.03 | 0.02 | 2,109 |
| 2030 | 0.42 | 0.36 | 2.11 | 3.09 | 0.01 | 0.08 | 0.14 | 0.22 | 0.07 | 0.01 | 0.09 | — | 858 | 858 | 0.04 | 0.01 | 0.01 | 863 |

## 2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 1.49 | 1.44 | 9.92 | 74.4 | 0.13 | 0.26 | 3.13 | 3.39 | 0.26 | 0.33 | 0.59 | — | 13,940 | 13,940 | 0.58 | 0.19 | 0.61 | 14,013 |
| 2026 | 3.53 | 3.42 | 29.0 | 190 | 0.30 | 0.60 | 5.61 | 6.21 | 0.60 | 0.59 | 1.19 | — | 32,407 | 32,407 | 1.34 | 0.44 | 1.21 | 32,573 |
| 2027 | 1.25 | 1.21 | 8.51 | 58.9 | 0.10 | 0.21 | 2.07 | 2.28 | 0.21 | 0.22 | 0.43 | — | 11,614 | 11,614 | 0.48 | 0.17 | 0.48 | 11,677 |
| 2028 | 3.71 | 3.25 | 30.7 | 94.6 | 0.16 | 0.58 | 2.48 | 3.06 | 0.55 | 0.26 | 0.81 | — | 16,532 | 16,532 | 0.69 | 0.23 | 0.52 | 16,618 |
| 2029 | 2.34 | 2.29 | 10.8 | 79.4 | 0.14 | 0.28 | 2.48 | 2.76 | 0.28 | 0.26 | 0.53 | — | 14,961 | 14,961 | 0.62 | 0.21 | 0.46 | 15,041 |
| 2030 | 2.34 | 2.29 | 10.8 | 79.4 | 0.14 | 0.28 | 2.48 | 2.76 | 0.28 | 0.26 | 0.53 | — | 14,946 | 14,946 | 0.62 | 0.21 | 0.41 | 15,024 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 1.46 | 1.42 | 10.1 | 74.5 | 0.13 | 0.26 | 3.13 | 3.39 | 0.26 | 0.33 | 0.59 | — | 13,949 | 13,949 | 0.58 | 0.20 | 0.02 | 14,022 |
| 2026 | 2.01 | 1.95 | 19.4 | 116 | 0.17 | 0.34 | 3.13 | 3.39 | 0.34 | 0.33 | 0.60 | — | 18,484 | 18,484 | 0.76 | 0.25 | 0.02 | 18,577 |
| 2027 | 3.24 | 3.14 | 28.1 | 175 | 0.28 | 0.55 | 4.55 | 5.10 | 0.55 | 0.48 | 1.03 | — | 30,093 | 30,093 | 1.25 | 0.42 | 0.03 | 30,248 |
| 2028 | 4.90 | 4.41 | 39.6 | 154 | 0.27 | 0.80 | 4.55 | 5.34 | 0.77 | 0.48 | 1.24 | — | 28,156 | 28,156 | 1.17 | 0.40 | 0.02 | 28,304 |
| 2029 | 5.86 | 5.37 | 41.6 | 174 | 0.30 | 0.80 | 4.96 | 5.76 | 0.78 | 0.52 | 1.30 | — | 31,501 | 31,501 | 1.31 | 0.44 | 0.02 | 31,666 |
| 2030 | 2.31 | 2.26 | 11.0 | 79.5 | 0.14 | 0.28 | 2.48 | 2.76 | 0.28 | 0.26 | 0.53 | — | 14,957 | 14,957 | 0.62 | 0.21 | 0.01 | 15,036 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 0.53 | 0.51 | 3.61 | 26.8 | 0.05 | 0.09 | 1.09 | 1.19 | 0.09 | 0.12 | 0.21 | — | 5,021 | 5,021 | 0.21 | 0.07 | 0.09 | 5,047 |
| 2026 | 1.38 | 1.34 | 12.2 | 76.8 | 0.12 | 0.23 | 1.93 | 2.16 | 0.23 | 0.20 | 0.44 | — | 12,711 | 12,711 | 0.53 | 0.17 | 0.20 | 12,775 |
| 2027 | 1.06 | 1.03 | 8.26 | 53.9 | 0.09 | 0.18 | 1.54 | 1.72 | 0.18 | 0.16 | 0.34 | — | 9,855 | 9,855 | 0.41 | 0.14 | 0.16 | 9,906 |
| 2028 | 2.49 | 2.20 | 20.6 | 66.8 | 0.12 | 0.39 | 1.73 | 2.13 | 0.38 | 0.18 | 0.56 | — | 11,822 | 11,822 | 0.49 | 0.17 | 0.16 | 11,884 |
| 2029 | 1.93 | 1.83 | 11.3 | 61.6 | 0.11 | 0.25 | 1.77 | 2.01 | 0.24 | 0.19 | 0.43 | — | 11,408 | 11,408 | 0.47 | 0.16 | 0.15 | 11,469 |
| 2030 | 0.77 | 0.75 | 3.60 | 26.3 | 0.04 | 0.09 | 0.78 | 0.88 | 0.09 | 0.08 | 0.17 | — | 4,944 | 4,944 | 0.21 | 0.07 | 0.06 | 4,971 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 0.10 | 0.09 | 0.66 | 4.89 | 0.01 | 0.02 | 0.20 | 0.22 | 0.02 | 0.02 | 0.04 | — | 831 | 831 | 0.03 | 0.01 | 0.02 | 836 |
| 2026 | 0.25 | 0.24 | 2.22 | 14.0 | 0.02 | 0.04 | 0.35 | 0.39 | 0.04 | 0.04 | 0.08 | — | 2,104 | 2,104 | 0.09 | 0.03 | 0.03 | 2,115 |
| 2027 | 0.19 | 0.19 | 1.51 | 9.83 | 0.02 | 0.03 | 0.28 | 0.31 | 0.03 | 0.03 | 0.06 | — | 1,632 | 1,632 | 0.07 | 0.02 | 0.03 | 1,640 |
| 2028 | 0.46 | 0.40 | 3.76 | 12.2 | 0.02 | 0.07 | 0.32 | 0.39 | 0.07 | 0.03 | 0.10 | — | 1,957 | 1,957 | 0.08 | 0.03 | 0.03 | 1,968 |
| 2029 | 0.35 | 0.33 | 2.06 | 11.2 | 0.02 | 0.04 | 0.32 | 0.37 | 0.04 | 0.03 | 0.08 | — | 1,889 | 1,889 | 0.08 | 0.03 | 0.02 | 1,899 |
| 2030 | 0.14 | 0.14 | 0.66 | 4.79 | 0.01 | 0.02 | 0.14 | 0.16 | 0.02 | 0.01 | 0.03 | — | 819 | 819 | 0.03 | 0.01 | 0.01 | 823 |

## 2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.79 | 1.73 | 1.99 | 5.60 | 0.02 | 0.04 | 1.37 | 1.41 | 0.04 | 0.35 | 0.39 | 35.0 | 2,896 | 2,931 | 4.37 | 0.29 | 18.0 | 3,144 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.36 | 1.33 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | 35.0 | 2,785 | 2,820 | 4.37 | 0.29 | 13.2 | 3,029 |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.57 | 1.52 | 2.08 | 3.61 | 0.02 | 0.04 | 1.36 | 1.40 | 0.04 | 0.35 | 0.39 | 35.0 | 2,817 | 2,852 | 4.37 | 0.29 | 15.2 | 3,064 |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 0.29 | 0.28 | 0.38 | 0.66 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | 5.80 | 466 | 472 | 0.72 | 0.05 | 2.51 | 507 |

## 2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.17 | 0.14 | 1.97 | 3.29 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,508 | 2,508 | 0.03 | 0.28 | 4.97 | 2,598 |
| Area | 1.62 | 1.59 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.79 | 1.73 | 1.99 | 5.60 | 0.02 | 0.04 | 1.37 | 1.41 | 0.04 | 0.35 | 0.39 | 35.0 | 2,896 | 2,931 | 4.37 | 0.29 | 18.0 | 3,144 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mobile | 0.16 | 0.13 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,407 | 2,407 | 0.03 | 0.28 | 0.13 | 2,492 |
| Area | 1.21 | 1.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.36 | 1.33 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | 35.0 | 2,785 | 2,820 | 4.37 | 0.29 | 13.2 | 3,029 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.16 | 0.13 | 2.08 | 2.47 | 0.02 | 0.04 | 1.36 | 1.39 | 0.03 | 0.35 | 0.39 | — | 2,435 | 2,435 | 0.03 | 0.28 | 2.15 | 2,522 |
| Area | 1.41 | 1.39 | 0.01 | 1.14 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.69 | 4.69 | < 0.005 | < 0.005 | — | 4.71 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.57 | 1.52 | 2.08 | 3.61 | 0.02 | 0.04 | 1.36 | 1.40 | 0.04 | 0.35 | 0.39 | 35.0 | 2,817 | 2,852 | 4.37 | 0.29 | 15.2 | 3,064 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.03 | 0.02 | 0.38 | 0.45 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | — | 403 | 403 | < 0.005 | 0.05 | 0.36 | 417 |
| Area | 0.26 | 0.25 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 61.8 | 61.8 | 0.01 | < 0.005 | — | 62.4 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.72 | 0.72 | 0.13 | < 0.005 | — | 4.08 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 5.80 | 0.00 | 5.80 | 0.58 | 0.00 | — | 20.3 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.16 | 2.16 |
| Total | 0.29 | 0.28 | 0.38 | 0.66 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | 5.80 | 466 | 472 | 0.72 | 0.05 | 2.51 | 507 |

## 2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.17 | 0.14 | 1.97 | 3.29 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,508 | 2,508 | 0.03 | 0.28 | 4.97 | 2,598 |
| Area | 1.62 | 1.59 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.79 | 1.73 | 1.99 | 5.60 | 0.02 | 0.04 | 1.37 | 1.41 | 0.04 | 0.35 | 0.39 | 35.0 | 2,896 | 2,931 | 4.37 | 0.29 | 18.0 | 3,144 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.16 | 0.13 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,407 | 2,407 | 0.03 | 0.28 | 0.13 | 2,492 |
| Area | 1.21 | 1.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.36 | 1.33 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | 35.0 | 2,785 | 2,820 | 4.37 | 0.29 | 13.2 | 3,029 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.16 | 0.13 | 2.08 | 2.47 | 0.02 | 0.04 | 1.36 | 1.39 | 0.03 | 0.35 | 0.39 | — | 2,435 | 2,435 | 0.03 | 0.28 | 2.15 | 2,522 |
| Area | 1.41 | 1.39 | 0.01 | 1.14 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.69 | 4.69 | < 0.005 | < 0.005 | — | 4.71 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Total | 1.57 | 1.52 | 2.08 | 3.61 | 0.02 | 0.04 | 1.36 | 1.40 | 0.04 | 0.35 | 0.39 | 35.0 | 2,817 | 2,852 | 4.37 | 0.29 | 15.2 | 3,064 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mobile | 0.03 | 0.02 | 0.38 | 0.45 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | — | 403 | 403 | < 0.005 | 0.05 | 0.36 | 417 |
| Area | 0.26 | 0.25 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 61.8 | 61.8 | 0.01 | < 0.005 | — | 62.4 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.72 | 0.72 | 0.13 | < 0.005 | — | 4.08 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 5.80 | 0.00 | 5.80 | 0.58 | 0.00 | — | 20.3 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.16 | 2.16 |
| Total | 0.29 | 0.28 | 0.38 | 0.66 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | 5.80 | 466 | 472 | 0.72 | 0.05 | 2.51 | 507 |

# 3. Construction Emissions Details

## 3.1. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 9.87 | 8.29 | 68.1 | 48.1 | 0.13 | 3.48 | — | 3.48 | 3.20 | — | 3.20 | — | 13,697 | 13,697 | 0.56 | 0.11 | — | 13,744 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | 9.87 | 8.29 | 68.1 | 48.1 | 0.13 | 3.48 | — | 3.48 | 3.20 | — | 3.20 | — | 13,697 | 13,697 | 0.56 | 0.11 | — | 13,744 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.55 | 2.98 | 24.5 | 17.3 | 0.05 | 1.25 | — | 1.25 | 1.15 | — | 1.15 | — | 4,932 | 4,932 | 0.20 | 0.04 | — | 4,949 |
| Dust From Material Movement | — | — | — | — | — | — | 0.34 | 0.34 | — | 0.04 | 0.04 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.65 | 0.54 | 4.48 | 3.16 | 0.01 | 0.23 | — | 0.23 | 0.21 | — | 0.21 | — | 817 | 817 | 0.03 | 0.01 | — | 819 |
| Dust From Material Movement | — | — | — | — | — | — | 0.06 | 0.06 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.18 | 0.14 | 2.79 | 1.90 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 474 | 474 | 0.03 | 0.07 | 0.54 | 497 |
| Hauling | 0.04 | 0.03 | 0.55 | 0.40 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 90.7 | 90.7 | 0.01 | 0.01 | 0.07 | 95.2 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.13 | 2.95 | 2.01 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 481 | 481 | 0.03 | 0.07 | 0.01 | 503 |
| Hauling | 0.03 | 0.02 | 0.59 | 0.41 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 92.5 | 92.5 | 0.01 | 0.01 | < 0.005 | 97.1 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.06 | 0.05 | 1.03 | 0.70 | < 0.005 | < 0.005 | 0.66 | 0.66 | < 0.005 | 0.07 | 0.07 | — | 172 | 172 | 0.01 | 0.03 | 0.08 | 180 |
| Hauling | 0.01 | 0.01 | 0.20 | 0.15 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.01 | 0.01 | — | 32.9 | 32.9 | < 0.005 | 0.01 | 0.01 | 34.5 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | 0.01 | 0.19 | 0.13 | < 0.005 | < 0.005 | 0.12 | 0.12 | < 0.005 | 0.01 | 0.01 | — | 28.4 | 28.4 | < 0.005 | < 0.005 | 0.01 | 29.8 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 5.45 | 5.45 | < 0.005 | < 0.005 | < 0.005 | 5.72 |

## 3.2. Site Preparation (2025) - Mitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.27 | 1.27 | 6.59 | 72.1 | 0.12 | 0.25 | — | 0.25 | 0.25 | — | 0.25 | — | 13,375 | 13,375 | 0.54 | 0.11 | — | 13,421 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.27 | 1.27 | 6.59 | 72.1 | 0.12 | 0.25 | — | 0.25 | 0.25 | — | 0.25 | — | 13,375 | 13,375 | 0.54 | 0.11 | — | 13,421 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.46 | 0.46 | 2.37 | 25.9 | 0.04 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 4,816 | 4,816 | 0.20 | 0.04 | — | 4,833 |
| Dust From Material Movement | — | — | — | — | — | — | 0.34 | 0.34 | — | 0.04 | 0.04 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.08 | 0.43 | 4.74 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 797 | 797 | 0.03 | 0.01 | — | 800 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dust From Material Movement | — | — | — | — | — | — | 0.06 | 0.06 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.18 | 0.14 | 2.79 | 1.90 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 474 | 474 | 0.03 | 0.07 | 0.54 | 497 |
| Hauling | 0.04 | 0.03 | 0.55 | 0.40 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 90.7 | 90.7 | 0.01 | 0.01 | 0.07 | 95.2 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.13 | 2.95 | 2.01 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 481 | 481 | 0.03 | 0.07 | 0.01 | 503 |
| Hauling | 0.03 | 0.02 | 0.59 | 0.41 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 92.5 | 92.5 | 0.01 | 0.01 | < 0.005 | 97.1 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.06 | 0.05 | 1.03 | 0.70 | < 0.005 | < 0.005 | 0.66 | 0.66 | < 0.005 | 0.07 | 0.07 | — | 172 | 172 | 0.01 | 0.03 | 0.08 | 180 |
| Hauling | 0.01 | 0.01 | 0.20 | 0.15 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.01 | 0.01 | — | 32.9 | 32.9 | < 0.005 | 0.01 | 0.01 | 34.5 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | 0.01 | 0.19 | 0.13 | < 0.005 | < 0.005 | 0.12 | 0.12 | < 0.005 | 0.01 | 0.01 | — | 28.4 | 28.4 | < 0.005 | < 0.005 | 0.01 | 29.8 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 5.45 | 5.45 | < 0.005 | < 0.005 | < 0.005 | 5.72 |

## 3.3. Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 9.67 | 8.12 | 64.3 | 48.0 | 0.13 | 3.35 | — | 3.35 | 3.08 | — | 3.08 | — | 13,702 | 13,702 | 0.56 | 0.11 | — | 13,749 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 9.67 | 8.12 | 64.3 | 48.0 | 0.13 | 3.35 | — | 3.35 | 3.08 | — | 3.08 | — | 13,702 | 13,702 | 0.56 | 0.11 | — | 13,749 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.27 | 1.91 | 15.1 | 11.3 | 0.03 | 0.79 | — | 0.79 | 0.72 | — | 0.72 | — | 3,218 | 3,218 | 0.13 | 0.03 | — | 3,229 |
| Dust From Material Movement | — | — | — | — | — | — | 0.22 | 0.22 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.41 | 0.35 | 2.76 | 2.06 | 0.01 | 0.14 | — | 0.14 | 0.13 | — | 0.13 | — | 533 | 533 | 0.02 | < 0.005 | — | 535 |
| Dust From Material Movement | — | — | — | — | — | — | 0.04 | 0.04 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.18 | 0.14 | 2.76 | 1.88 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 465 | 465 | 0.03 | 0.07 | 0.50 | 487 |
| Hauling | 0.04 | 0.03 | 0.55 | 0.40 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 88.9 | 88.9 | 0.01 | 0.01 | 0.07 | 93.3 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.12 | 2.92 | 1.98 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 472 | 472 | 0.03 | 0.07 | 0.01 | 494 |
| Hauling | 0.03 | 0.02 | 0.58 | 0.41 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 90.6 | 90.6 | 0.01 | 0.01 | < 0.005 | 95.0 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.04 | 0.03 | 0.67 | 0.45 | < 0.005 | < 0.005 | 0.43 | 0.43 | < 0.005 | 0.05 | 0.05 | — | 110 | 110 | 0.01 | 0.02 | 0.05 | 115 |
| Hauling | 0.01 | 0.01 | 0.13 | 0.09 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 21.0 | 21.0 | < 0.005 | < 0.005 | 0.01 | 22.1 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.01 | 0.01 | 0.12 | 0.08 | < 0.005 | < 0.005 | 0.08 | 0.08 | < 0.005 | 0.01 | 0.01 | — | 18.2 | 18.2 | < 0.005 | < 0.005 | 0.01 | 19.1 |
| Hauling | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 3.48 | 3.48 | < 0.005 | < 0.005 | < 0.005 | 3.66 |

## 3.4. Site Preparation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.27 | 1.27 | 6.59 | 72.1 | 0.12 | 0.25 | — | 0.25 | 0.25 | — | 0.25 | — | 13,380 | 13,380 | 0.54 | 0.11 | — | 13,426 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.27 | 1.27 | 6.59 | 72.1 | 0.12 | 0.25 | — | 0.25 | 0.25 | — | 0.25 | — | 13,380 | 13,380 | 0.54 | 0.11 | — | 13,426 |
| Dust From Material Movement | — | — | — | — | — | — | 0.96 | 0.96 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 0.30 | 0.30 | 1.55 | 16.9 | 0.03 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 3,142 | 3,142 | 0.13 | 0.03 | — | 3,153 |
| Dust From Material Movement | — | — | — | — | — | — | 0.22 | 0.22 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Roa d Equipm ent | 0.05 | 0.05 | 0.28 | 3.09 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 520 | 520 | 0.02 | < 0.005 | — | 522 |
| Dust From Material Movement | — | — | — | — | — | — | 0.04 | 0.04 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.18 | 0.14 | 2.76 | 1.88 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 465 | 465 | 0.03 | 0.07 | 0.50 | 487 |
| Hauling | 0.04 | 0.03 | 0.55 | 0.40 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 88.9 | 88.9 | 0.01 | 0.01 | 0.07 | 93.3 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.12 | 2.92 | 1.98 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 472 | 472 | 0.03 | 0.07 | 0.01 | 494 |
| Hauling | 0.03 | 0.02 | 0.58 | 0.41 | < 0.005 | < 0.005 | 0.26 | 0.26 | < 0.005 | 0.03 | 0.03 | — | 90.6 | 90.6 | 0.01 | 0.01 | < 0.005 | 95.0 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.04 | 0.03 | 0.67 | 0.45 | < 0.005 | < 0.005 | 0.43 | 0.43 | < 0.005 | 0.05 | 0.05 | — | 110 | 110 | 0.01 | 0.02 | 0.05 | 115 |
| Hauling | 0.01 | 0.01 | 0.13 | 0.09 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 21.0 | 21.0 | < 0.005 | < 0.005 | 0.01 | 22.1 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | 0.01 | 0.12 | 0.08 | < 0.005 | < 0.005 | 0.08 | 0.08 | < 0.005 | 0.01 | 0.01 | — | 18.2 | 18.2 | < 0.005 | < 0.005 | 0.01 | 19.1 |
| Hauling | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 3.48 | 3.48 | < 0.005 | < 0.005 | < 0.005 | 3.66 |

## 3.5. Tracker Foundations (2026) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 16.2 | 13.6 | 107 | 99.7 | 0.17 | 6.16 | — | 6.16 | 5.67 | — | 5.67 | — | 18,055 | 18,055 | 0.73 | 0.15 | — | 18,117 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 16.2 | 13.6 | 107 | 99.7 | 0.17 | 6.16 | — | 6.16 | 5.67 | — | 5.67 | — | 18,055 | 18,055 | 0.73 | 0.15 | — | 18,117 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | 8.26 | 6.93 | 54.4 | 50.9 | 0.09 | 3.15 | — | 3.15 | 2.90 | — | 2.90 | — | 9,222 | 9,222 | 0.37 | 0.07 | — | 9,253 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.51 | 1.27 | 9.93 | 9.29 | 0.02 | 0.57 | — | 0.57 | 0.53 | — | 0.53 | — | 1,527 | 1,527 | 0.06 | 0.01 | — | 1,532 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.18 | 0.14 | 2.76 | 1.88 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 465 | 465 | 0.03 | 0.07 | 0.50 | 487 |
| Hauling | 0.08 | 0.06 | 1.19 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 193 | 193 | 0.01 | 0.03 | 0.15 | 203 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.12 | 2.92 | 1.98 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 472 | 472 | 0.03 | 0.07 | 0.01 | 494 |
| Hauling | 0.07 | 0.05 | 1.27 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 197 | 197 | 0.01 | 0.03 | < 0.005 | 207 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.08 | 0.07 | 1.45 | 0.98 | < 0.005 | < 0.005 | 0.94 | 0.94 | < 0.005 | 0.10 | 0.10 | — | 239 | 239 | 0.01 | 0.04 | 0.11 | 250 |
| Hauling | 0.04 | 0.03 | 0.62 | 0.45 | < 0.005 | < 0.005 | 0.28 | 0.28 | < 0.005 | 0.03 | 0.03 | — | 99.6 | 99.6 | 0.01 | 0.02 | 0.03 | 105 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.02 | 0.01 | 0.26 | 0.18 | < 0.005 | < 0.005 | 0.17 | 0.17 | < 0.005 | 0.02 | 0.02 | — | 39.6 | 39.6 | < 0.005 | 0.01 | 0.02 | 41.4 |
| Hauling | 0.01 | 0.01 | 0.11 | 0.08 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.01 | — | 16.5 | 16.5 | < 0.005 | < 0.005 | 0.01 | 17.3 |

## 3.6. Tracker Foundations (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.78 | 1.78 | 15.2 | 113 | 0.17 | 0.34 | — | 0.34 | 0.34 | — | 0.34 | — | 17,815 | 17,815 | 0.72 | 0.14 | — | 17,876 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.78 | 1.78 | 15.2 | 113 | 0.17 | 0.34 | — | 0.34 | 0.34 | — | 0.34 | — | 17,815 | 17,815 | 0.72 | 0.14 | — | 17,876 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.91 | 0.91 | 7.76 | 57.9 | 0.09 | 0.17 | — | 0.17 | 0.17 | — | 0.17 | — | 9,099 | 9,099 | 0.37 | 0.07 | — | 9,130 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 0.17 | 0.17 | 1.42 | 10.6 | 0.02 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 1,506 | 1,506 | 0.06 | 0.01 | — | 1,512 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.18 | 0.14 | 2.76 | 1.88 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 465 | 465 | 0.03 | 0.07 | 0.50 | 487 |
| Hauling | 0.08 | 0.06 | 1.19 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 193 | 193 | 0.01 | 0.03 | 0.15 | 203 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.12 | 2.92 | 1.98 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 472 | 472 | 0.03 | 0.07 | 0.01 | 494 |
| Hauling | 0.07 | 0.05 | 1.27 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 197 | 197 | 0.01 | 0.03 | < 0.005 | 207 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.08 | 0.07 | 1.45 | 0.98 | < 0.005 | < 0.005 | 0.94 | 0.94 | < 0.005 | 0.10 | 0.10 | — | 239 | 239 | 0.01 | 0.04 | 0.11 | 250 |
| Hauling | 0.04 | 0.03 | 0.62 | 0.45 | < 0.005 | < 0.005 | 0.28 | 0.28 | < 0.005 | 0.03 | 0.03 | — | 99.6 | 99.6 | 0.01 | 0.02 | 0.03 | 105 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.02 | 0.01 | 0.26 | 0.18 | < 0.005 | < 0.005 | 0.17 | 0.17 | < 0.005 | 0.02 | 0.02 | — | 39.6 | 39.6 | < 0.005 | 0.01 | 0.02 | 41.4 |
| Hauling | 0.01 | 0.01 | 0.11 | 0.08 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.01 | — | 16.5 | 16.5 | < 0.005 | < 0.005 | 0.01 | 17.3 |

## 3.7. Tracker Foundations (2027) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 15.9 | 13.3 | 103 | 99.5 | 0.17 | 5.97 | — | 5.97 | 5.50 | — | 5.50 | — | 18,055 | 18,055 | 0.73 | 0.15 | — | 18,117 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.77 | 2.32 | 17.9 | 17.3 | 0.03 | 1.04 | — | 1.04 | 0.96 | — | 0.96 | — | 3,145 | 3,145 | 0.13 | 0.03 | — | 3,155 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.51 | 0.42 | 3.27 | 3.16 | 0.01 | 0.19 | — | 0.19 | 0.17 | — | 0.17 | — | 521 | 521 | 0.02 | < 0.005 | — | 522 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.12 | 2.89 | 1.96 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 463 | 463 | 0.03 | 0.07 | 0.01 | 485 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hauling | 0.07 | 0.05 | 1.26 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 193 | 193 | 0.01 | 0.03 | < 0.005 | 203 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.03 | 0.02 | 0.49 | 0.33 | < 0.005 | < 0.005 | 0.32 | 0.32 | < 0.005 | 0.03 | 0.03 | — | 79.9 | 79.9 | 0.01 | 0.01 | 0.03 | 83.8 |
| Hauling | 0.01 | 0.01 | 0.21 | 0.15 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.01 | 0.01 | — | 33.3 | 33.3 | < 0.005 | 0.01 | 0.01 | 34.9 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.09 | 0.06 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 13.2 | 13.2 | < 0.005 | < 0.005 | 0.01 | 13.9 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 5.51 | 5.51 | < 0.005 | < 0.005 | < 0.005 | 5.78 |

## 3.8. Tracker Foundations (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.78 | 1.78 | 15.2 | 113 | 0.17 | 0.34 | — | 0.34 | 0.34 | — | 0.34 | — | 17,815 | 17,815 | 0.72 | 0.14 | — | 17,876 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.31 | 0.31 | 2.65 | 19.7 | 0.03 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 3,103 | 3,103 | 0.13 | 0.03 | — | 3,113 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.06 | 0.06 | 0.48 | 3.60 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 514 | 514 | 0.02 | < 0.005 | — | 515 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.12 | 2.89 | 1.96 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 463 | 463 | 0.03 | 0.07 | 0.01 | 485 |
| Hauling | 0.07 | 0.05 | 1.26 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 193 | 193 | 0.01 | 0.03 | < 0.005 | 203 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.03 | 0.02 | 0.49 | 0.33 | < 0.005 | < 0.005 | 0.32 | 0.32 | < 0.005 | 0.03 | 0.03 | — | 79.9 | 79.9 | 0.01 | 0.01 | 0.03 | 83.8 |
| Hauling | 0.01 | 0.01 | 0.21 | 0.15 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.01 | 0.01 | — | 33.3 | 33.3 | < 0.005 | 0.01 | 0.01 | 34.9 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.09 | 0.06 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 13.2 | 13.2 | < 0.005 | < 0.005 | 0.01 | 13.9 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 5.51 | 5.51 | < 0.005 | < 0.005 | < 0.005 | 5.78 |

## 3.9. Electrical Installation (2029) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.18 | 5.18 | 32.4 | 48.7 | 0.14 | 1.32 | — | 1.32 | 1.21 | — | 1.21 | — | 15,060 | 15,060 | 0.61 | 0.12 | — | 15,111 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.18 | 5.18 | 32.4 | 48.7 | 0.14 | 1.32 | — | 1.32 | 1.21 | — | 1.21 | — | 15,060 | 15,060 | 0.61 | 0.12 | — | 15,111 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.62 | 3.03 | 19.0 | 28.5 | 0.08 | 0.77 | — | 0.77 | 0.71 | — | 0.71 | — | 8,812 | 8,812 | 0.36 | 0.07 | — | 8,842 |
| Architectural Coatings | 0.43 | 0.43 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.66 | 0.55 | 3.46 | 5.20 | 0.02 | 0.14 | — | 0.14 | 0.13 | — | 0.13 | — | 1,459 | 1,459 | 0.06 | 0.01 | — | 1,464 |
| Architectural Coatings | 0.08 | 0.08 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.13 | 2.63 | 1.81 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 437 | 437 | 0.03 | 0.07 | 0.35 | 459 |
| Hauling | 0.08 | 0.06 | 1.16 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 182 | 182 | 0.01 | 0.03 | 0.12 | 191 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.15 | 0.11 | 2.80 | 1.91 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 444 | 444 | 0.03 | 0.07 | 0.01 | 466 |
| Hauling | 0.07 | 0.05 | 1.24 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 185 | 185 | 0.01 | 0.03 | < 0.005 | 195 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.09 | 0.07 | 1.58 | 1.09 | < 0.005 | < 0.005 | 1.07 | 1.07 | < 0.005 | 0.11 | 0.11 | — | 257 | 257 | 0.02 | 0.04 | 0.09 | 270 |
| Hauling | 0.04 | 0.03 | 0.70 | 0.51 | < 0.005 | < 0.005 | 0.32 | 0.32 | < 0.005 | 0.03 | 0.03 | — | 107 | 107 | 0.01 | 0.02 | 0.03 | 112 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.02 | 0.01 | 0.29 | 0.20 | < 0.005 | < 0.005 | 0.20 | 0.20 | < 0.005 | 0.02 | 0.02 | — | 42.6 | 42.6 | < 0.005 | 0.01 | 0.01 | 44.7 |
| Hauling | 0.01 | 0.01 | 0.13 | 0.09 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 17.7 | 17.7 | < 0.005 | < 0.005 | < 0.005 | 18.6 |

## 3.10. Electrical Installation (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.36 | 7.05 | 76.7 | 0.13 | 0.27 | — | 0.27 | 0.27 | — | 0.27 | — | 14,339 | 14,339 | 0.58 | 0.12 | — | 14,389 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.36 | 7.05 | 76.7 | 0.13 | 0.27 | — | 0.27 | 0.27 | — | 0.27 | — | 14,339 | 14,339 | 0.58 | 0.12 | — | 14,389 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 0.79 | 0.79 | 4.13 | 44.9 | 0.08 | 0.16 | — | 0.16 | 0.16 | — | 0.16 | — | 8,390 | 8,390 | 0.34 | 0.07 | — | 8,419 |
| Architectural Coatings | 0.43 | 0.43 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.14 | 0.14 | 0.75 | 8.19 | 0.01 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 1,389 | 1,389 | 0.06 | 0.01 | — | 1,394 |
| Architectural Coatings | 0.08 | 0.08 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.13 | 2.63 | 1.81 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 437 | 437 | 0.03 | 0.07 | 0.35 | 459 |
| Hauling | 0.08 | 0.06 | 1.16 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 182 | 182 | 0.01 | 0.03 | 0.12 | 191 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.15 | 0.11 | 2.80 | 1.91 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 444 | 444 | 0.03 | 0.07 | 0.01 | 466 |
| Hauling | 0.07 | 0.05 | 1.24 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 185 | 185 | 0.01 | 0.03 | < 0.005 | 195 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.09 | 0.07 | 1.58 | 1.09 | < 0.005 | < 0.005 | 1.07 | 1.07 | < 0.005 | 0.11 | 0.11 | — | 257 | 257 | 0.02 | 0.04 | 0.09 | 270 |
| Hauling | 0.04 | 0.03 | 0.70 | 0.51 | < 0.005 | < 0.005 | 0.32 | 0.32 | < 0.005 | 0.03 | 0.03 | — | 107 | 107 | 0.01 | 0.02 | 0.03 | 112 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.02 | 0.01 | 0.29 | 0.20 | < 0.005 | < 0.005 | 0.20 | 0.20 | < 0.005 | 0.02 | 0.02 | — | 42.6 | 42.6 | < 0.005 | 0.01 | 0.01 | 44.7 |
| Hauling | 0.01 | 0.01 | 0.13 | 0.09 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 17.7 | 17.7 | < 0.005 | < 0.005 | < 0.005 | 18.6 |

## 3.11. Electrical Installation (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.05 | 5.07 | 31.0 | 48.5 | 0.14 | 1.26 | — | 1.26 | 1.16 | — | 1.16 | — | 15,060 | 15,060 | 0.61 | 0.12 | — | 15,111 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.05 | 5.07 | 31.0 | 48.5 | 0.14 | 1.26 | — | 1.26 | 1.16 | — | 1.16 | — | 15,060 | 15,060 | 0.61 | 0.12 | — | 15,111 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.00 | 1.68 | 10.3 | 16.1 | 0.05 | 0.42 | — | 0.42 | 0.38 | — | 0.38 | — | 4,981 | 4,981 | 0.20 | 0.04 | — | 4,998 |
| Architectural Coatings | 0.24 | 0.24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.37 | 0.31 | 1.87 | 2.93 | 0.01 | 0.08 | — | 0.08 | 0.07 | — | 0.07 | — | 825 | 825 | 0.03 | 0.01 | — | 827 |
| Architectural Coatings | 0.04 | 0.04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.13 | 2.59 | 1.81 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 428 | 428 | 0.03 | 0.06 | 0.30 | 448 |
| Hauling | 0.08 | 0.06 | 1.14 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 178 | 178 | 0.01 | 0.03 | 0.11 | 187 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.15 | 0.11 | 2.76 | 1.89 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 435 | 435 | 0.03 | 0.07 | 0.01 | 456 |
| Hauling | 0.07 | 0.05 | 1.23 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 182 | 182 | 0.01 | 0.03 | < 0.005 | 190 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.05 | 0.04 | 0.88 | 0.61 | < 0.005 | < 0.005 | 0.61 | 0.61 | < 0.005 | 0.06 | 0.06 | — | 142 | 142 | 0.01 | 0.02 | 0.04 | 150 |
| Hauling | 0.02 | 0.02 | 0.39 | 0.29 | < 0.005 | < 0.005 | 0.18 | 0.18 | < 0.005 | 0.02 | 0.02 | — | 59.4 | 59.4 | < 0.005 | 0.01 | 0.02 | 62.3 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | 0.01 | 0.16 | 0.11 | < 0.005 | < 0.005 | 0.11 | 0.11 | < 0.005 | 0.01 | 0.01 | — | 23.6 | 23.6 | < 0.005 | < 0.005 | 0.01 | 24.8 |
| Hauling | < 0.005 | < 0.005 | 0.07 | 0.05 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | < 0.005 | < 0.005 | — | 9.84 | 9.84 | < 0.005 | < 0.005 | < 0.005 | 10.3 |

## 3.12. Electrical Installation (2030) - Mitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.36 | 7.05 | 76.7 | 0.13 | 0.27 | — | 0.27 | 0.27 | — | 0.27 | — | 14,339 | 14,339 | 0.58 | 0.12 | — | 14,389 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.36 | 7.05 | 76.7 | 0.13 | 0.27 | — | 0.27 | 0.27 | — | 0.27 | — | 14,339 | 14,339 | 0.58 | 0.12 | — | 14,389 |
| Architectural Coatings | 0.74 | 0.74 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.45 | 0.45 | 2.33 | 25.4 | 0.04 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 4,742 | 4,742 | 0.19 | 0.04 | — | 4,759 |
| Architectural Coatings | 0.24 | 0.24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.08 | 0.43 | 4.63 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 785 | 785 | 0.03 | 0.01 | — | 788 |
| Architectural Coatings | 0.04 | 0.04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.13 | 2.59 | 1.81 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 428 | 428 | 0.03 | 0.06 | 0.30 | 448 |
| Hauling | 0.08 | 0.06 | 1.14 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 178 | 178 | 0.01 | 0.03 | 0.11 | 187 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.15 | 0.11 | 2.76 | 1.89 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 435 | 435 | 0.03 | 0.07 | 0.01 | 456 |
| Hauling | 0.07 | 0.05 | 1.23 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 182 | 182 | 0.01 | 0.03 | < 0.005 | 190 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.05 | 0.04 | 0.88 | 0.61 | < 0.005 | < 0.005 | 0.61 | 0.61 | < 0.005 | 0.06 | 0.06 | — | 142 | 142 | 0.01 | 0.02 | 0.04 | 150 |
| Hauling | 0.02 | 0.02 | 0.39 | 0.29 | < 0.005 | < 0.005 | 0.18 | 0.18 | < 0.005 | 0.02 | 0.02 | — | 59.4 | 59.4 | < 0.005 | 0.01 | 0.02 | 62.3 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | 0.01 | 0.16 | 0.11 | < 0.005 | < 0.005 | 0.11 | 0.11 | < 0.005 | 0.01 | 0.01 | — | 23.6 | 23.6 | < 0.005 | < 0.005 | 0.01 | 24.8 |
| Hauling | < 0.005 | < 0.005 | 0.07 | 0.05 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | < 0.005 | < 0.005 | — | 9.84 | 9.84 | < 0.005 | < 0.005 | < 0.005 | 10.3 |

## 3.13. Mechanical Installation (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road | 12.8 | 10.6 | 81.7 | 108 | 0.23 | 2.48 | — | 2.48 | 2.28 | — | 2.28 | — | 21,174 | 21,174 | 0.86 | 0.17 | — | 21,246 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 12.8 | 10.6 | 81.7 | 108 | 0.23 | 2.48 | — | 2.48 | 2.28 | — | 2.28 | — | 21,174 | 21,174 | 0.86 | 0.17 | — | 21,246 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 8.13 | 6.77 | 52.1 | 68.9 | 0.15 | 1.58 | — | 1.58 | 1.46 | — | 1.46 | — | 13,508 | 13,508 | 0.55 | 0.11 | — | 13,555 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.48 | 1.24 | 9.51 | 12.6 | 0.03 | 0.29 | — | 0.29 | 0.27 | — | 0.27 | — | 2,236 | 2,236 | 0.09 | 0.02 | — | 2,244 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.17 | 0.13 | 2.69 | 1.83 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 446 | 446 | 0.03 | 0.07 | 0.40 | 469 |
| Hauling | 0.08 | 0.06 | 1.17 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 185 | 185 | 0.01 | 0.03 | 0.13 | 194 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.15 | 0.12 | 2.85 | 1.93 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 454 | 454 | 0.03 | 0.07 | 0.01 | 475 |
| Hauling | 0.07 | 0.05 | 1.25 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 189 | 189 | 0.01 | 0.03 | < 0.005 | 198 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.11 | 0.08 | 1.76 | 1.20 | < 0.005 | < 0.005 | 1.17 | 1.17 | < 0.005 | 0.12 | 0.12 | — | 287 | 287 | 0.02 | 0.05 | 0.11 | 301 |
| Hauling | 0.05 | 0.04 | 0.77 | 0.56 | < 0.005 | < 0.005 | 0.34 | 0.35 | < 0.005 | 0.04 | 0.04 | — | 119 | 119 | 0.01 | 0.02 | 0.03 | 125 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.02 | 0.01 | 0.32 | 0.22 | < 0.005 | < 0.005 | 0.21 | 0.21 | < 0.005 | 0.02 | 0.02 | — | 47.5 | 47.5 | < 0.005 | 0.01 | 0.02 | 49.8 |
| Hauling | 0.01 | 0.01 | 0.14 | 0.10 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | 0.01 | 20.7 |

## 3.14. Mechanical Installation (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.46 | 3.06 | 26.8 | 91.9 | 0.16 | 0.58 | — | 0.58 | 0.55 | — | 0.55 | — | 15,898 | 15,898 | 0.64 | 0.13 | — | 15,953 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 3.46 | 3.06 | 26.8 | 91.9 | 0.16 | 0.58 | — | 0.58 | 0.55 | — | 0.55 | — | 15,898 | 15,898 | 0.64 | 0.13 | — | 15,953 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Roa d Equipm ent | 2.21 | 1.95 | 17.1 | 58.6 | 0.10 | 0.37 | — | 0.37 | 0.35 | — | 0.35 | — | 10,142 | 10,142 | 0.41 | 0.08 | — | 10,177 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Roa d Equipm ent | 0.40 | 0.36 | 3.12 | 10.7 | 0.02 | 0.07 | — | 0.07 | 0.06 | — | 0.06 | — | 1,679 | 1,679 | 0.07 | 0.01 | — | 1,685 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.17 | 0.13 | 2.69 | 1.83 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 446 | 446 | 0.03 | 0.07 | 0.40 | 469 |
| Hauling | 0.08 | 0.06 | 1.17 | 0.86 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 185 | 185 | 0.01 | 0.03 | 0.13 | 194 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.15 | 0.12 | 2.85 | 1.93 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 454 | 454 | 0.03 | 0.07 | 0.01 | 475 |
| Hauling | 0.07 | 0.05 | 1.25 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 189 | 189 | 0.01 | 0.03 | < 0.005 | 198 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.11 | 0.08 | 1.76 | 1.20 | < 0.005 | < 0.005 | 1.17 | 1.17 | < 0.005 | 0.12 | 0.12 | — | 287 | 287 | 0.02 | 0.05 | 0.11 | 301 |
| Hauling | 0.05 | 0.04 | 0.77 | 0.56 | < 0.005 | < 0.005 | 0.34 | 0.35 | < 0.005 | 0.04 | 0.04 | — | 119 | 119 | 0.01 | 0.02 | 0.03 | 125 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.02 | 0.01 | 0.32 | 0.22 | < 0.005 | < 0.005 | 0.21 | 0.21 | < 0.005 | 0.02 | 0.02 | — | 47.5 | 47.5 | < 0.005 | 0.01 | 0.02 | 49.8 |
| Hauling | 0.01 | 0.01 | 0.14 | 0.10 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | 0.01 | 20.7 |

## 3.15. Mechanical Installation (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 11.5 | 9.53 | 74.6 | 107 | 0.23 | 1.79 | — | 1.79 | 1.65 | — | 1.65 | — | 21,175 | 21,175 | 0.86 | 0.17 | — | 21,248 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.84 | 1.53 | 12.0 | 17.2 | 0.04 | 0.29 | — | 0.29 | 0.26 | — | 0.26 | — | 3,398 | 3,398 | 0.14 | 0.03 | — | 3,410 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Roa Equipment | 0.34 | 0.28 | 2.19 | 3.13 | 0.01 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 563 | 563 | 0.02 | < 0.005 | — | 565 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.15 | 0.11 | 2.80 | 1.91 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 444 | 444 | 0.03 | 0.07 | 0.01 | 466 |
| Hauling | 0.07 | 0.05 | 1.24 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 185 | 185 | 0.01 | 0.03 | < 0.005 | 195 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.03 | 0.02 | 0.43 | 0.30 | < 0.005 | < 0.005 | 0.29 | 0.29 | < 0.005 | 0.03 | 0.03 | — | 70.6 | 70.6 | < 0.005 | 0.01 | 0.02 | 74.1 |
| Hauling | 0.01 | 0.01 | 0.19 | 0.14 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.01 | 0.01 | — | 29.4 | 29.4 | < 0.005 | < 0.005 | 0.01 | 30.8 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.08 | 0.05 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.01 | — | 11.7 | 11.7 | < 0.005 | < 0.005 | < 0.005 | 12.3 |
| Hauling | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 4.87 | 4.87 | < 0.005 | < 0.005 | < 0.005 | 5.10 |

## 3.16. Mechanical Installation (2029) - Mitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.32 | 2.94 | 26.5 | 91.7 | 0.16 | 0.52 | — | 0.52 | 0.50 | — | 0.50 | — | 15,900 | 15,900 | 0.64 | 0.13 | — | 15,954 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.53 | 0.47 | 4.25 | 14.7 | 0.03 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 2,551 | 2,551 | 0.10 | 0.02 | — | 2,560 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.10 | 0.09 | 0.78 | 2.69 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 422 | 422 | 0.02 | < 0.005 | — | 424 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.15 | 0.11 | 2.80 | 1.91 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 444 | 444 | 0.03 | 0.07 | 0.01 | 466 |
| Hauling | 0.07 | 0.05 | 1.24 | 0.89 | < 0.005 | < 0.005 | 0.56 | 0.57 | < 0.005 | 0.06 | 0.06 | — | 185 | 185 | 0.01 | 0.03 | < 0.005 | 195 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.03 | 0.02 | 0.43 | 0.30 | < 0.005 | < 0.005 | 0.29 | 0.29 | < 0.005 | 0.03 | 0.03 | — | 70.6 | 70.6 | < 0.005 | 0.01 | 0.02 | 74.1 |
| Hauling | 0.01 | 0.01 | 0.19 | 0.14 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.01 | 0.01 | — | 29.4 | 29.4 | < 0.005 | < 0.005 | 0.01 | 30.8 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.08 | 0.05 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.01 | — | 11.7 | 11.7 | < 0.005 | < 0.005 | < 0.005 | 12.3 |
| Hauling | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 4.87 | 4.87 | < 0.005 | < 0.005 | < 0.005 | 5.10 |

## 3.17. Underground Cabling (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 8.06 | 6.77 | 49.9 | 36.5 | 0.11 | 2.72 | — | 2.72 | 2.50 | — | 2.50 | — | 11,429 | 11,429 | 0.46 | 0.09 | — | 11,468 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 8.06 | 6.77 | 49.9 | 36.5 | 0.11 | 2.72 | — | 2.72 | 2.50 | — | 2.50 | — | 11,429 | 11,429 | 0.46 | 0.09 | — | 11,468 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road | 4.61 | 3.87 | 28.5 | 20.9 | 0.06 | 1.55 | — | 1.55 | 1.43 | — | 1.43 | — | 6,531 | 6,531 | 0.26 | 0.05 | — | 6,553 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.84 | 0.71 | 5.21 | 3.81 | 0.01 | 0.28 | — | 0.28 | 0.26 | — | 0.26 | — | 1,081 | 1,081 | 0.04 | 0.01 | — | 1,085 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.18 | 0.14 | 2.73 | 1.85 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 456 | 456 | 0.03 | 0.07 | 0.44 | 478 |
| Hauling | 0.02 | 0.02 | 0.32 | 0.23 | < 0.005 | < 0.005 | 0.15 | 0.15 | < 0.005 | 0.02 | 0.02 | — | 51.2 | 51.2 | < 0.005 | 0.01 | 0.04 | 53.8 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.12 | 2.89 | 1.96 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 463 | 463 | 0.03 | 0.07 | 0.01 | 485 |
| Hauling | 0.02 | 0.01 | 0.34 | 0.24 | < 0.005 | < 0.005 | 0.15 | 0.15 | < 0.005 | 0.02 | 0.02 | — | 52.2 | 52.2 | < 0.005 | 0.01 | < 0.005 | 54.7 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.09 | 0.07 | 1.60 | 1.09 | < 0.005 | < 0.005 | 1.05 | 1.05 | < 0.005 | 0.11 | 0.11 | — | 262 | 262 | 0.02 | 0.04 | 0.11 | 275 |
| Hauling | 0.01 | 0.01 | 0.19 | 0.13 | < 0.005 | < 0.005 | 0.08 | 0.08 | < 0.005 | 0.01 | 0.01 | — | 29.5 | 29.5 | < 0.005 | < 0.005 | 0.01 | 31.0 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.02 | 0.01 | 0.29 | 0.20 | < 0.005 | < 0.005 | 0.19 | 0.19 | < 0.005 | 0.02 | 0.02 | — | 43.4 | 43.4 | < 0.005 | 0.01 | 0.02 | 45.5 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hauling | < 0.005 | < 0.005 | 0.03 | 0.02 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 4.88 | 4.88 | < 0.005 | < 0.005 | < 0.005 | 5.13 |

## 3.18. Underground Cabling (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.05 | 1.05 | 5.46 | 56.8 | 0.10 | 0.21 | — | 0.21 | 0.21 | — | 0.21 | — | 11,107 | 11,107 | 0.45 | 0.09 | — | 11,145 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.05 | 1.05 | 5.46 | 56.8 | 0.10 | 0.21 | — | 0.21 | 0.21 | — | 0.21 | — | 11,107 | 11,107 | 0.45 | 0.09 | — | 11,145 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.60 | 0.60 | 3.12 | 32.4 | 0.06 | 0.12 | — | 0.12 | 0.12 | — | 0.12 | — | 6,347 | 6,347 | 0.26 | 0.05 | — | 6,368 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipm | 0.11 | 0.11 | 0.57 | 5.92 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 1,051 | 1,051 | 0.04 | 0.01 | — | 1,054 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.18 | 0.14 | 2.73 | 1.85 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 456 | 456 | 0.03 | 0.07 | 0.44 | 478 |
| Hauling | 0.02 | 0.02 | 0.32 | 0.23 | < 0.005 | < 0.005 | 0.15 | 0.15 | < 0.005 | 0.02 | 0.02 | — | 51.2 | 51.2 | < 0.005 | 0.01 | 0.04 | 53.8 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.16 | 0.12 | 2.89 | 1.96 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 463 | 463 | 0.03 | 0.07 | 0.01 | 485 |
| Hauling | 0.02 | 0.01 | 0.34 | 0.24 | < 0.005 | < 0.005 | 0.15 | 0.15 | < 0.005 | 0.02 | 0.02 | — | 52.2 | 52.2 | < 0.005 | 0.01 | < 0.005 | 54.7 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.09 | 0.07 | 1.60 | 1.09 | < 0.005 | < 0.005 | 1.05 | 1.05 | < 0.005 | 0.11 | 0.11 | — | 262 | 262 | 0.02 | 0.04 | 0.11 | 275 |
| Hauling | 0.01 | 0.01 | 0.19 | 0.13 | < 0.005 | < 0.005 | 0.08 | 0.08 | < 0.005 | 0.01 | 0.01 | — | 29.5 | 29.5 | < 0.005 | < 0.005 | 0.01 | 31.0 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.02 | 0.01 | 0.29 | 0.20 | < 0.005 | < 0.005 | 0.19 | 0.19 | < 0.005 | 0.02 | 0.02 | — | 43.4 | 43.4 | < 0.005 | 0.01 | 0.02 | 45.5 |
| Hauling | < 0.005 | < 0.005 | 0.03 | 0.02 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 4.88 | 4.88 | < 0.005 | < 0.005 | < 0.005 | 5.13 |

## 3.19. Underground Cabling (2028) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 8.03 | 6.74 | 48.7 | 36.5 | 0.11 | 2.69 | — | 2.69 | 2.47 | — | 2.47 | — | 11,430 | 11,430 | 0.46 | 0.09 | — | 11,469 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.88 | 0.74 | 5.34 | 4.00 | 0.01 | 0.29 | — | 0.29 | 0.27 | — | 0.27 | — | 1,253 | 1,253 | 0.05 | 0.01 | — | 1,257 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.16 | 0.13 | 0.97 | 0.73 | < 0.005 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 207 | 207 | 0.01 | < 0.005 | — | 208 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.15 | 0.12 | 2.85 | 1.93 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 454 | 454 | 0.03 | 0.07 | 0.01 | 475 |
| Hauling | 0.02 | 0.01 | 0.34 | 0.24 | < 0.005 | < 0.005 | 0.15 | 0.15 | < 0.005 | 0.02 | 0.02 | — | 51.1 | 51.1 | < 0.005 | 0.01 | < 0.005 | 53.6 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.02 | 0.01 | 0.30 | 0.21 | < 0.005 | < 0.005 | 0.20 | 0.20 | < 0.005 | 0.02 | 0.02 | — | 49.2 | 49.2 | < 0.005 | 0.01 | 0.02 | 51.7 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 5.54 | 5.54 | < 0.005 | < 0.005 | < 0.005 | 5.81 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.06 | 0.04 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | < 0.005 | < 0.005 | — | 8.15 | 8.15 | < 0.005 | < 0.005 | < 0.005 | 8.55 |
| Hauling | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.92 | 0.92 | < 0.005 | < 0.005 | < 0.005 | 0.96 |

## 3.20. Underground Cabling (2028) - Mitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.05 | 1.05 | 5.46 | 56.8 | 0.10 | 0.21 | — | 0.21 | 0.21 | — | 0.21 | — | 11,108 | 11,108 | 0.45 | 0.09 | — | 11,146 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipm | 0.12 | 0.12 | 0.60 | 6.22 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 1,217 | 1,217 | 0.05 | 0.01 | — | 1,222 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.02 | 0.11 | 1.14 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 202 | 202 | 0.01 | < 0.005 | — | 202 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.15 | 0.12 | 2.85 | 1.93 | < 0.005 | < 0.005 | 1.92 | 1.92 | < 0.005 | 0.20 | 0.20 | — | 454 | 454 | 0.03 | 0.07 | 0.01 | 475 |
| Hauling | 0.02 | 0.01 | 0.34 | 0.24 | < 0.005 | < 0.005 | 0.15 | 0.15 | < 0.005 | 0.02 | 0.02 | — | 51.1 | 51.1 | < 0.005 | 0.01 | < 0.005 | 53.6 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.02 | 0.01 | 0.30 | 0.21 | < 0.005 | < 0.005 | 0.20 | 0.20 | < 0.005 | 0.02 | 0.02 | — | 49.2 | 49.2 | < 0.005 | 0.01 | 0.02 | 51.7 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | — | 5.54 | 5.54 | < 0.005 | < 0.005 | < 0.005 | 5.81 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.06 | 0.04 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | < 0.005 | < 0.005 | — | 8.15 | 8.15 | < 0.005 | < 0.005 | < 0.005 | 8.55 |
| Hauling | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.92 | 0.92 | < 0.005 | < 0.005 | < 0.005 | 0.96 |

# 4. Operations Emissions Details

## 4.1. Mobile Emissions by Land Use

### 4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.12 | 0.11 | 0.12 | 2.95 | 0.01 | < 0.005 | 0.86 | 0.86 | < 0.005 | 0.22 | 0.22 | — | 817 | 817 | 0.01 | 0.01 | 1.79 | 823 |
| General Office Building | 0.05 | 0.03 | 1.85 | 0.34 | 0.02 | 0.03 | 0.51 | 0.54 | 0.03 | 0.14 | 0.17 | — | 1,691 | 1,691 | 0.02 | 0.27 | 3.18 | 1,774 |
| Total | 0.17 | 0.14 | 1.97 | 3.29 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,508 | 2,508 | 0.03 | 0.28 | 4.97 | 2,598 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.11 | 0.10 | 0.15 | 1.89 | 0.01 | < 0.005 | 0.86 | 0.86 | < 0.005 | 0.22 | 0.22 | — | 715 | 715 | 0.01 | 0.02 | 0.05 | 720 |
| General Office Building | 0.04 | 0.03 | 1.98 | 0.35 | 0.02 | 0.03 | 0.51 | 0.54 | 0.03 | 0.14 | 0.17 | — | 1,692 | 1,692 | 0.02 | 0.27 | 0.08 | 1,772 |
| Total | 0.16 | 0.13 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,407 | 2,407 | 0.03 | 0.28 | 0.13 | 2,492 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.02 | 0.02 | 0.02 | 0.39 | < 0.005 | < 0.005 | 0.16 | 0.16 | < 0.005 | 0.04 | 0.04 | — | 123 | 123 | < 0.005 | < 0.005 | 0.13 | 124 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | 0.01 | 0.01 | 0.35 | 0.06 | < 0.005 | 0.01 | 0.09 | 0.10 | 0.01 | 0.02 | 0.03 | — | 280 | 280 | < 0.005 | 0.04 | 0.23 | 294 |
| Total | 0.03 | 0.02 | 0.38 | 0.45 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | — | 403 | 403 | < 0.005 | 0.05 | 0.36 | 417 |

### 4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.12 | 0.11 | 0.12 | 2.95 | 0.01 | < 0.005 | 0.86 | 0.86 | < 0.005 | 0.22 | 0.22 | — | 817 | 817 | 0.01 | 0.01 | 1.79 | 823 |
| General Office Building | 0.05 | 0.03 | 1.85 | 0.34 | 0.02 | 0.03 | 0.51 | 0.54 | 0.03 | 0.14 | 0.17 | — | 1,691 | 1,691 | 0.02 | 0.27 | 3.18 | 1,774 |
| Total | 0.17 | 0.14 | 1.97 | 3.29 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,508 | 2,508 | 0.03 | 0.28 | 4.97 | 2,598 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.11 | 0.10 | 0.15 | 1.89 | 0.01 | < 0.005 | 0.86 | 0.86 | < 0.005 | 0.22 | 0.22 | — | 715 | 715 | 0.01 | 0.02 | 0.05 | 720 |
| General Office Building | 0.04 | 0.03 | 1.98 | 0.35 | 0.02 | 0.03 | 0.51 | 0.54 | 0.03 | 0.14 | 0.17 | — | 1,692 | 1,692 | 0.02 | 0.27 | 0.08 | 1,772 |
| Total | 0.16 | 0.13 | 2.13 | 2.24 | 0.02 | 0.04 | 1.37 | 1.41 | 0.03 | 0.35 | 0.39 | — | 2,407 | 2,407 | 0.03 | 0.28 | 0.13 | 2,492 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.02 | 0.02 | 0.02 | 0.39 | < 0.005 | < 0.005 | 0.16 | 0.16 | < 0.005 | 0.04 | 0.04 | — | 123 | 123 | < 0.005 | < 0.005 | 0.13 | 124 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | 0.01 | 0.01 | 0.35 | 0.06 | < 0.005 | 0.01 | 0.09 | 0.10 | 0.01 | 0.02 | 0.03 | — | 280 | 280 | < 0.005 | 0.04 | 0.23 | 294 |
| Total | 0.03 | 0.02 | 0.38 | 0.45 | < 0.005 | 0.01 | 0.25 | 0.25 | 0.01 | 0.06 | 0.07 | — | 403 | 403 | < 0.005 | 0.05 | 0.36 | 417 |

## 4.2. Energy

### 4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 332 | 332 | 0.05 | 0.01 | — | 335 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 41.9 | 41.9 | 0.01 | < 0.005 | — | 42.3 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 332 | 332 | 0.05 | 0.01 | — | 335 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 41.9 | 41.9 | 0.01 | < 0.005 | — | 42.3 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 54.9 | 54.9 | 0.01 | < 0.005 | — | 55.4 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 6.94 | 6.94 | < 0.005 | < 0.005 | — | 7.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 61.8 | 61.8 | 0.01 | < 0.005 | — | 62.4 |

### 4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 332 | 332 | 0.05 | 0.01 | — | 335 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 41.9 | 41.9 | 0.01 | < 0.005 | — | 42.3 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 332 | 332 | 0.05 | 0.01 | — | 335 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 41.9 | 41.9 | 0.01 | < 0.005 | — | 42.3 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 373 | 373 | 0.06 | 0.01 | — | 377 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | 54.9 | 54.9 | 0.01 | < 0.005 | — | 55.4 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | 6.94 | 6.94 | < 0.005 | < 0.005 | — | 7.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 61.8 | 61.8 | 0.01 | < 0.005 | — | 62.4 |

### 4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

### 4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| General Office Building | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

## 4.3. Area Emissions by Source

### 4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 1.14 | 1.14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.07 | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.41 | 0.38 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Total | 1.62 | 1.59 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 1.14 | 1.14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Architectural Coatings | 0.07 | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 1.21 | 1.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 0.21 | 0.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.01 | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.04 | 0.03 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |
| Total | 0.26 | 0.25 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |

### 4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 1.14 | 1.14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.07 | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Landscape Equipm | 0.41 | 0.38 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Total | 1.62 | 1.59 | 0.02 | 2.31 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.51 | 9.51 | < 0.005 | < 0.005 | — | 9.55 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 1.14 | 1.14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.07 | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 1.21 | 1.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | 0.21 | 0.21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.01 | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.04 | 0.03 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |
| Total | 0.26 | 0.25 | < 0.005 | 0.21 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 0.78 | 0.78 | < 0.005 | < 0.005 | — | 0.78 |

## 4.4. Water Emissions by Land Use

### 4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 3.08 | 3.08 | < 0.005 | < 0.005 | — | 3.12 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 1.25 | 1.25 | 0.78 | < 0.005 | — | 21.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 3.08 | 3.08 | < 0.005 | < 0.005 | — | 3.12 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 1.25 | 1.25 | 0.78 | < 0.005 | — | 21.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.51 | 0.51 | < 0.005 | < 0.005 | — | 0.52 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.21 | 0.21 | 0.13 | < 0.005 | — | 3.57 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.72 | 0.72 | 0.13 | < 0.005 | — | 4.08 |

### 4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 3.08 | 3.08 | < 0.005 | < 0.005 | — | 3.12 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 1.25 | 1.25 | 0.78 | < 0.005 | — | 21.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 3.08 | 3.08 | < 0.005 | < 0.005 | — | 3.12 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 1.25 | 1.25 | 0.78 | < 0.005 | — | 21.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 4.34 | 4.34 | 0.78 | < 0.005 | — | 24.6 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.51 | 0.51 | < 0.005 | < 0.005 | — | 0.52 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.21 | 0.21 | 0.13 | < 0.005 | — | 3.57 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.72 | 0.72 | 0.13 | < 0.005 | — | 4.08 |

## 4.5. Waste Emissions by Land Use

### 4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 33.4 | 0.00 | 33.4 | 3.34 | 0.00 | — | 117 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 1.60 | 0.00 | 1.60 | 0.16 | 0.00 | — | 5.61 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 33.4 | 0.00 | 33.4 | 3.34 | 0.00 | — | 117 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 1.60 | 0.00 | 1.60 | 0.16 | 0.00 | — | 5.61 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 5.53 | 0.00 | 5.53 | 0.55 | 0.00 | — | 19.4 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.27 | 0.00 | 0.27 | 0.03 | 0.00 | — | 0.93 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 5.80 | 0.00 | 5.80 | 0.58 | 0.00 | — | 20.3 |

### 4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 33.4 | 0.00 | 33.4 | 3.34 | 0.00 | — | 117 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 1.60 | 0.00 | 1.60 | 0.16 | 0.00 | — | 5.61 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 33.4 | 0.00 | 33.4 | 3.34 | 0.00 | — | 117 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 1.60 | 0.00 | 1.60 | 0.16 | 0.00 | — | 5.61 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 35.0 | 0.00 | 35.0 | 3.50 | 0.00 | — | 123 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | 5.53 | 0.00 | 5.53 | 0.55 | 0.00 | — | 19.4 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | 0.27 | 0.00 | 0.27 | 0.03 | 0.00 | — | 0.93 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 5.80 | 0.00 | 5.80 | 0.58 | 0.00 | — | 20.3 |

## 4.6. Refrigerant Emissions by Land Use

### 4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.01 | 0.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.01 | 0.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.15 | 2.15 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.16 | 2.16 |

### 4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.01 | 0.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.01 | 0.01 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13.0 | 13.0 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Light Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.15 | 2.15 |
| General Office Building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.16 | 2.16 |

## 4.7. Offroad Emissions By Equipment Type

### 4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.8. Stationary Emissions By Equipment Type

### 4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.9. User Defined Emissions By Equipment Type

### 4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10. Soil Carbon Accumulation By Vegetation Type

### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

# 5. Activity Data

## 5.1. Construction Schedule

| Phase Name | Phase Type | Start Date | End Date | Days Per Week | Work Days per Phase | Phase Description |
|---|---|---|---|---|---|---|
| Site Preparation | Site Preparation | 7/1/2025 | 4/30/2026 | 5.00 | 218 | Phase 1 |
| Tracker Foundations | Building Construction | 4/15/2026 | 3/30/2027 | 5.00 | 250 | Phase 2 |
| Electrical Installation | Building Construction | 3/8/2029 | 6/18/2030 | 5.00 | 334 | Phase 5 |
| Mechanical Installation | Building Construction | 2/10/2028 | 3/23/2029 | 5.00 | 292 | Phase 4 |
| Underground Cabling | Trenching | 3/15/2027 | 2/25/2028 | 5.00 | 250 | Phase 3 |

## 5.2. Off-Road Equipment

### 5.2.1. Unmitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Site Preparation | Graders | Diesel | Average | 4.00 | 8.00 | 187 | 0.41 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Site Preparation | Off-Highway Trucks | Diesel | Average | 7.00 | 4.00 | 402 | 0.38 |
| Site Preparation | Plate Compactors | Diesel | Average | 3.00 | 8.00 | 24.9 | 0.43 |
| Site Preparation | Rubber Tired Loaders | Diesel | Average | 3.00 | 8.00 | 203 | 0.36 |
| Site Preparation | Rough Terrain Forklifts | Diesel | Average | 4.00 | 8.00 | 130 | 0.40 |
| Site Preparation | Skid Steer Loaders | Diesel | Average | 4.00 | 8.00 | 75.0 | 0.37 |
| Site Preparation | Crawler Tractors | Diesel | Average | 1.00 | 5.00 | 212 | 0.43 |
| Tracker Foundations | Generator Sets | Diesel | Average | 4.00 | 8.00 | 49.9 | 0.74 |
| Tracker Foundations | Air Compressors | Diesel | Average | 1.00 | 8.00 | 49.9 | 0.48 |
| Tracker Foundations | Off-Highway Trucks | Diesel | Average | 7.00 | 4.00 | 402 | 0.38 |
| Tracker Foundations | Other Construction Equipment | Diesel | Average | 1.00 | 2.00 | 172 | 0.42 |
| Tracker Foundations | Rough Terrain Forklifts | Diesel | Average | 7.00 | 8.00 | 100 | 0.40 |
| Tracker Foundations | Rubber Tired Loaders | Diesel | Average | 1.00 | 8.00 | 203 | 0.36 |
| Tracker Foundations | Other General Industrial Equipment | Diesel | Average | 9.00 | 8.00 | 158 | 0.42 |
| Tracker Foundations | Skid Steer Loaders | Diesel | Average | 9.00 | 8.00 | 75.0 | 0.37 |
| Electrical Installation | Air Compressors | Diesel | Average | 3.00 | 8.00 | 49.9 | 0.48 |
| Electrical Installation | Off-Highway Trucks | Diesel | Average | 9.00 | 4.00 | 402 | 0.38 |
| Electrical Installation | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 203 | 0.36 |
| Electrical Installation | Rough Terrain Forklifts | Diesel | Average | 5.00 | 8.00 | 100 | 0.40 |
| Electrical Installation | Trenchers | Diesel | Average | 3.00 | 8.00 | 78.0 | 0.50 |
| Electrical Installation | Excavators | Diesel | Average | 3.00 | 8.00 | 212 | 0.38 |
| Mechanical Installation | Generator Sets | Diesel | Average | 11.0 | 8.00 | 49.9 | 0.74 |
| Mechanical Installation | Air Compressors | Diesel | Average | 20.0 | 8.00 | 49.9 | 0.48 |
| Mechanical Installation | Off-Highway Trucks | Diesel | Average | 8.00 | 4.00 | 402 | 0.38 |
| Mechanical Installation | Other Construction Equipment | Diesel | Average | 1.00 | 2.00 | 172 | 0.42 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mechanical Installation | Rough Terrain Forklifts | Diesel | Average | 9.00 | 8.00 | 100 | 0.40 |
| Mechanical Installation | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 203 | 0.36 |
| Mechanical Installation | Skid Steer Loaders | Diesel | Average | 1.00 | 8.00 | 75.0 | 0.37 |
| Mechanical Installation | Generator Sets | Diesel | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Underground Cabling | Excavators | Diesel | Average | 4.00 | 8.00 | 212 | 0.38 |
| Underground Cabling | Trenchers | Diesel | Average | 1.00 | 8.00 | 300 | 0.50 |
| Underground Cabling | Off-Highway Trucks | Diesel | Average | 7.00 | 4.00 | 402 | 0.38 |
| Underground Cabling | Plate Compactors | Diesel | Average | 3.00 | 8.00 | 24.9 | 0.43 |
| Underground Cabling | Rubber Tired Loaders | Diesel | Average | 1.00 | 8.00 | 203 | 0.36 |
| Underground Cabling | Skid Steer Loaders | Diesel | Average | 4.00 | 8.00 | 75.0 | 0.37 |

### 5.2.2. Mitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Site Preparation | Graders | Diesel | Tier 4 Final | 4.00 | 8.00 | 187 | 0.41 |
| Site Preparation | Off-Highway Trucks | Diesel | Tier 4 Final | 7.00 | 4.00 | 402 | 0.38 |
| Site Preparation | Plate Compactors | Electric | Average | 3.00 | 8.00 | 24.9 | 0.43 |
| Site Preparation | Rubber Tired Loaders | Diesel | Tier 4 Final | 3.00 | 8.00 | 203 | 0.36 |
| Site Preparation | Rough Terrain Forklifts | Diesel | Tier 4 Final | 4.00 | 8.00 | 130 | 0.40 |
| Site Preparation | Skid Steer Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 75.0 | 0.37 |
| Site Preparation | Crawler Tractors | Diesel | Tier 4 Final | 1.00 | 5.00 | 212 | 0.43 |
| Tracker Foundations | Generator Sets | Diesel | Tier 4 Final | 4.00 | 8.00 | 49.9 | 0.74 |
| Tracker Foundations | Air Compressors | Electric | Average | 1.00 | 8.00 | 49.9 | 0.48 |
| Tracker Foundations | Off-Highway Trucks | Diesel | Tier 4 Final | 7.00 | 4.00 | 402 | 0.38 |
| Tracker Foundations | Other Construction Equipment | Diesel | Tier 4 Final | 1.00 | 2.00 | 172 | 0.42 |
| Tracker Foundations | Rough Terrain Forklifts | Diesel | Tier 4 Final | 7.00 | 8.00 | 100 | 0.40 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Tracker Foundations | Rubber Tired Loaders | Diesel | Tier 4 Final | 1.00 | 8.00 | 203 | 0.36 |
| Tracker Foundations | Other General Industrial Equipment | Diesel | Tier 4 Final | 9.00 | 8.00 | 158 | 0.42 |
| Tracker Foundations | Skid Steer Loaders | Diesel | Tier 4 Final | 9.00 | 8.00 | 75.0 | 0.37 |
| Electrical Installation | Air Compressors | Electric | Average | 3.00 | 8.00 | 49.9 | 0.48 |
| Electrical Installation | Off-Highway Trucks | Diesel | Tier 4 Final | 9.00 | 4.00 | 402 | 0.38 |
| Electrical Installation | Rubber Tired Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 203 | 0.36 |
| Electrical Installation | Rough Terrain Forklifts | Diesel | Tier 4 Final | 5.00 | 8.00 | 100 | 0.40 |
| Electrical Installation | Trenchers | Diesel | Tier 4 Final | 3.00 | 8.00 | 78.0 | 0.50 |
| Electrical Installation | Excavators | Diesel | Tier 4 Final | 3.00 | 8.00 | 212 | 0.38 |
| Mechanical Installation | Generator Sets | Diesel | Average | 10.0 | 8.00 | 49.9 | 0.74 |
| Mechanical Installation | Generator Sets | Electric | Average | 1.00 | 8.00 | 49.9 | 0.74 |
| Mechanical Installation | Air Compressors | Electric | Average | 20.0 | 8.00 | 49.9 | 0.48 |
| Mechanical Installation | Off-Highway Trucks | Diesel | Tier 4 Final | 8.00 | 4.00 | 402 | 0.38 |
| Mechanical Installation | Other Construction Equipment | Diesel | Tier 4 Final | 1.00 | 2.00 | 172 | 0.42 |
| Mechanical Installation | Rough Terrain Forklifts | Diesel | Tier 4 Final | 9.00 | 8.00 | 100 | 0.40 |
| Mechanical Installation | Rubber Tired Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 203 | 0.36 |
| Mechanical Installation | Skid Steer Loaders | Diesel | Tier 4 Final | 1.00 | 8.00 | 75.0 | 0.37 |
| Mechanical Installation | Generator Sets | Electric | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Underground Cabling | Excavators | Diesel | Tier 4 Final | 4.00 | 8.00 | 212 | 0.38 |
| Underground Cabling | Trenchers | Diesel | Tier 4 Final | 1.00 | 8.00 | 300 | 0.50 |
| Underground Cabling | Off-Highway Trucks | Diesel | Tier 4 Final | 7.00 | 4.00 | 402 | 0.38 |
| Underground Cabling | Plate Compactors | Electric | Average | 3.00 | 8.00 | 24.9 | 0.43 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Underground Cabling | Rubber Tired Loaders | Diesel | Tier 4 Final | 1.00 | 8.00 | 203 | 0.36 |
| Underground Cabling | Skid Steer Loaders | Diesel | Tier 4 Final | 4.00 | 8.00 | 75.0 | 0.37 |

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Site Preparation | — | — | — | — |
| Site Preparation | Worker | 0.00 | 18.0 | LDA,LDT1,LDT2 |
| Site Preparation | Vendor | 252 | 0.25 | HHDT,MHDT |
| Site Preparation | Hauling | 34.0 | 0.25 | HHDT |
| Site Preparation | Onsite truck | — | — | HHDT |
| Tracker Foundations | — | — | — | — |
| Tracker Foundations | Worker | 0.00 | 18.0 | LDA,LDT1,LDT2 |
| Tracker Foundations | Vendor | 252 | 0.25 | HHDT,MHDT |
| Tracker Foundations | Hauling | 74.0 | 0.25 | HHDT |
| Tracker Foundations | Onsite truck | — | — | HHDT |
| Underground Cabling | — | — | — | — |
| Underground Cabling | Worker | 0.00 | 18.0 | LDA,LDT1,LDT2 |
| Underground Cabling | Vendor | 252 | 0.25 | HHDT,MHDT |
| Underground Cabling | Hauling | 20.0 | 0.25 | HHDT |
| Underground Cabling | Onsite truck | — | — | HHDT |
| Mechanical Installation | — | — | — | — |
| Mechanical Installation | Worker | 0.00 | 18.0 | LDA,LDT1,LDT2 |
| Mechanical Installation | Vendor | 252 | 0.25 | HHDT,MHDT |
| Mechanical Installation | Hauling | 74.0 | 0.25 | HHDT |
| Mechanical Installation | Onsite truck | — | — | HHDT |
| Electrical Installation | — | — | — | — |

| | | | | |
|---|---|---|---|---|
| Electrical Installation | Worker | 0.00 | 18.0 | LDA,LDT1,LDT2 |
| Electrical Installation | Vendor | 252 | 0.25 | HHDT,MHDT |
| Electrical Installation | Hauling | 74.0 | 0.25 | HHDT |
| Electrical Installation | Onsite truck | — | — | HHDT |

### 5.3.2. Mitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Site Preparation | — | — | — | — |
| Site Preparation | Worker | 0.00 | 18.0 | LDA,LDT1,LDT2 |
| Site Preparation | Vendor | 252 | 0.25 | HHDT,MHDT |
| Site Preparation | Hauling | 34.0 | 0.25 | HHDT |
| Site Preparation | Onsite truck | — | — | HHDT |
| Tracker Foundations | — | — | — | — |
| Tracker Foundations | Worker | 0.00 | 18.0 | LDA,LDT1,LDT2 |
| Tracker Foundations | Vendor | 252 | 0.25 | HHDT,MHDT |
| Tracker Foundations | Hauling | 74.0 | 0.25 | HHDT |
| Tracker Foundations | Onsite truck | — | — | HHDT |
| Underground Cabling | — | — | — | — |
| Underground Cabling | Worker | 0.00 | 18.0 | LDA,LDT1,LDT2 |
| Underground Cabling | Vendor | 252 | 0.25 | HHDT,MHDT |
| Underground Cabling | Hauling | 20.0 | 0.25 | HHDT |
| Underground Cabling | Onsite truck | — | — | HHDT |
| Mechanical Installation | — | — | — | — |
| Mechanical Installation | Worker | 0.00 | 18.0 | LDA,LDT1,LDT2 |
| Mechanical Installation | Vendor | 252 | 0.25 | HHDT,MHDT |
| Mechanical Installation | Hauling | 74.0 | 0.25 | HHDT |
| Mechanical Installation | Onsite truck | — | — | HHDT |
| Electrical Installation | — | — | — | — |

| | | | | |
|---|---|---|---|---|
| Electrical Installation | Worker | 0.00 | 18.0 | LDA,LDT1,LDT2 |
| Electrical Installation | Vendor | 252 | 0.25 | HHDT,MHDT |
| Electrical Installation | Hauling | 74.0 | 0.25 | HHDT |
| Electrical Installation | Onsite truck | — | — | HHDT |

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

| Control Strategies Applied | PM10 Reduction | PM2.5 Reduction |
|---|---|---|
| Water unpaved roads twice daily | 55% | 55% |
| Limit vehicle speeds on unpaved roads to 25 mph | 67% | 67% |

## 5.5. Architectural Coatings

| Phase Name | Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|---|---|---|---|---|---|
| Electrical Installation | 0.00 | 0.00 | 79,800 | 26,600 | — |

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

| Phase Name | Material Imported (cy) | Material Exported (cy) | Acres Graded (acres) | Material Demolished (sq. ft.) | Acres Paved (acres) |
|---|---|---|---|---|---|
| Site Preparation | — | — | 504 | 0.00 | — |

### 5.6.2. Construction Earthmoving Control Strategies

| Control Strategies Applied | Frequency (per day) | PM10 Reduction | PM2.5 Reduction |
|---|---|---|---|
| Water Exposed Area | 2 | 61% | 61% |

## 5.7. Construction Paving

| Land Use | Area Paved (acres) | % Asphalt |
|---|---|---|
| General Light Industry | 0.00 | 0% |
| General Office Building | 0.00 | 0% |

## 5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4 | N2O |
|---|---|---|---|---|
| 2025 | 0.00 | 204 | 0.03 | < 0.005 |
| 2026 | 0.00 | 204 | 0.03 | < 0.005 |
| 2027 | 0.00 | 204 | 0.03 | < 0.005 |
| 2028 | 0.00 | 204 | 0.03 | < 0.005 |
| 2029 | 0.00 | 204 | 0.03 | < 0.005 |
| 2030 | 0.00 | 204 | 0.03 | < 0.005 |

## 5.9. Operational Mobile Sources

### 5.9.1. Unmitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|---|---|---|---|---|---|---|---|---|
| General Light Industry | 40.0 | 40.0 | 40.0 | 14,600 | 1,241 | 1,241 | 1,241 | 452,844 |
| General Office Building | 18.0 | 18.0 | 18.0 | 6,570 | 558 | 558 | 558 | 203,780 |

### 5.9.2. Mitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|---|---|---|---|---|---|---|---|---|
| General Light Industry | 40.0 | 40.0 | 40.0 | 14,600 | 1,241 | 1,241 | 1,241 | 452,844 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| General Office Building | 18.0 | 18.0 | 18.0 | 6,570 | 558 | 558 | 558 | 203,780 |

## 5.10. Operational Area Sources

### 5.10.1. Hearths

#### 5.10.1.1. Unmitigated

#### 5.10.1.2. Mitigated

### 5.10.2. Architectural Coatings

| Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|---|---|---|---|---|
| 0 | 0.00 | 79,800 | 26,600 | — |

### 5.10.3. Landscape Equipment

| Season | Unit | Value |
|---|---|---|
| Snow Days | day/yr | 0.00 |
| Summer Days | day/yr | 180 |

### 5.10.4. Landscape Equipment - Mitigated

| Season | Unit | Value |
|---|---|---|
| Snow Days | day/yr | 0.00 |
| Summer Days | day/yr | 180 |

## 5.11. Operational Energy Consumption

### 5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

| Land Use | Electricity (kWh/yr) | CO2 | CH4 | N2O | Natural Gas (kBTU/yr) |
|---|---|---|---|---|---|
| General Light Industry | 593,207 | 204 | 0.0330 | 0.0040 | 0.00 |
| General Office Building | 75,028 | 204 | 0.0330 | 0.0040 | 0.00 |

### 5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

| Land Use | Electricity (kWh/yr) | CO2 | CH4 | N2O | Natural Gas (kBTU/yr) |
|---|---|---|---|---|---|
| General Light Industry | 593,207 | 204 | 0.0330 | 0.0040 | 0.00 |
| General Office Building | 75,028 | 204 | 0.0330 | 0.0040 | 0.00 |

## 5.12. Operational Water and Wastewater Consumption

### 5.12.1. Unmitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|---|---|---|
| General Light Industry | 0.00 | 2,280,960 |
| General Office Building | 568,748 | 0.00 |

### 5.12.2. Mitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|---|---|---|
| General Light Industry | 0.00 | 2,280,960 |
| General Office Building | 568,748 | 0.00 |

## 5.13. Operational Waste Generation

### 5.13.1. Unmitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|---|---|---|
| General Light Industry | 62.0 | — |

| | | |
|---|---|---|
| General Office Building | 2.98 | — |

### 5.13.2. Mitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|---|---|---|
| General Light Industry | 62.0 | — |
| General Office Building | 2.98 | — |

## 5.14. Operational Refrigeration and Air Conditioning Equipment

### 5.14.1. Unmitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|---|---|---|---|---|---|---|---|
| General Light Industry | Other commercial A/C and heat pumps | R-410A | 2,088 | 0.30 | 4.00 | 4.00 | 18.0 |
| General Office Building | Household refrigerators and/or freezers | R-134a | 1,430 | 0.02 | 0.60 | 0.00 | 1.00 |
| General Office Building | Other commercial A/C and heat pumps | R-410A | 2,088 | < 0.005 | 4.00 | 4.00 | 18.0 |

### 5.14.2. Mitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|---|---|---|---|---|---|---|---|
| General Light Industry | Other commercial A/C and heat pumps | R-410A | 2,088 | 0.30 | 4.00 | 4.00 | 18.0 |
| General Office Building | Household refrigerators and/or freezers | R-134a | 1,430 | 0.02 | 0.60 | 0.00 | 1.00 |
| General Office Building | Other commercial A/C and heat pumps | R-410A | 2,088 | < 0.005 | 4.00 | 4.00 | 18.0 |

## 5.15. Operational Off-Road Equipment

#### 5.15.1. Unmitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|

#### 5.15.2. Mitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|

## 5.16. Stationary Sources

#### 5.16.1. Emergency Generators and Fire Pumps

| Equipment Type | Fuel Type | Number per Day | Hours per Day | Hours per Year | Horsepower | Load Factor |
|---|---|---|---|---|---|---|

#### 5.16.2. Process Boilers

| Equipment Type | Fuel Type | Number | Boiler Rating (MMBtu/hr) | Daily Heat Input (MMBtu/day) | Annual Heat Input (MMBtu/yr) |
|---|---|---|---|---|---|

## 5.17. User Defined

| Equipment Type | Fuel Type |
|---|---|
| — | — |

## 5.18. Vegetation

#### 5.18.1. Land Use Change

#### 5.18.1.1. Unmitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

#### 5.18.1.2. Mitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

### 5.18.1. Biomass Cover Type

#### 5.18.1.1. Unmitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

#### 5.18.1.2. Mitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

### 5.18.2. Sequestration

#### 5.18.2.1. Unmitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

#### 5.18.2.2. Mitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

# 6. Climate Risk Detailed Report

## 6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

| Climate Hazard | Result for Project Location | Unit |
|---|---|---|
| Temperature and Extreme Heat | 21.4 | annual days of extreme heat |
| Extreme Precipitation | 0.00 | annual days with precipitation above 20 mm |
| Sea Level Rise | 0.00 | meters of inundation depth |
| Wildfire | 0.00 | annual hectares burned |

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

## 6.2. Initial Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | 1 | 0 | 0 | N/A |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | N/A | N/A | N/A | N/A |
| Wildfire | N/A | N/A | N/A | N/A |
| Flooding | 0 | 0 | 0 | N/A |
| Drought | 0 | 0 | 0 | N/A |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | 0 | 0 | 0 | N/A |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

## 6.3. Adjusted Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | 1 | 1 | 1 | 2 |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | N/A | N/A | N/A | N/A |

| | | | | |
|---|---|---|---|---|
| Wildfire | N/A | N/A | N/A | N/A |
| Flooding | 1 | 1 | 1 | 2 |
| Drought | 1 | 1 | 1 | 2 |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | 1 | 1 | 1 | 2 |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

## 6.4. Climate Risk Reduction Measures

# 7. Health and Equity Details

## 7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|
| Exposure Indicators | — |
| AQ-Ozone | 82.5 |
| AQ-PM | 95.4 |
| AQ-DPM | 5.76 |
| Drinking Water | 96.1 |
| Lead Risk Housing | 81.4 |
| Pesticides | 94.1 |
| Toxic Releases | 50.9 |
| Traffic | 0.71 |
| Effect Indicators | — |
| CleanUp Sites | 7.71 |
| Groundwater | 85.3 |

| | |
|---|---|
| Haz Waste Facilities/Generators | 67.6 |
| Impaired Water Bodies | 0.00 |
| Solid Waste | 86.5 |
| Sensitive Population | — |
| Asthma | 42.4 |
| Cardio-vascular | 67.5 |
| Low Birth Weights | 15.4 |
| Socioeconomic Factor Indicators | — |
| Education | 86.9 |
| Housing | 79.3 |
| Linguistic | 95.6 |
| Poverty | 87.8 |
| Unemployment | 61.5 |

## 7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|
| Economic | — |
| Above Poverty | — |
| Employed | — |
| Median HI | — |
| Education | — |
| Bachelor's or higher | — |
| High school enrollment | — |
| Preschool enrollment | — |
| Transportation | — |
| Auto Access | — |
| Active commuting | — |

| | |
|---|---|
| Social | — |
| 2-parent households | — |
| Voting | — |
| Neighborhood | — |
| Alcohol availability | — |
| Park access | — |
| Retail density | — |
| Supermarket access | — |
| Tree canopy | — |
| Housing | — |
| Homeownership | — |
| Housing habitability | — |
| Low-inc homeowner severe housing cost burden | — |
| Low-inc renter severe housing cost burden | — |
| Uncrowded housing | — |
| Health Outcomes | — |
| Insured adults | — |
| Arthritis | 0.0 |
| Asthma ER Admissions | 55.4 |
| High Blood Pressure | 0.0 |
| Cancer (excluding skin) | 0.0 |
| Asthma | 0.0 |
| Coronary Heart Disease | 0.0 |
| Chronic Obstructive Pulmonary Disease | 0.0 |
| Diagnosed Diabetes | 0.0 |
| Life Expectancy at Birth | 0.0 |
| Cognitively Disabled | 64.4 |
| Physically  Disabled | 74.5 |

| | |
|---|---|
| Heart Attack ER Admissions | 23.2 |
| Mental Health Not Good | 0.0 |
| Chronic Kidney Disease | 0.0 |
| Obesity | 0.0 |
| Pedestrian Injuries | 0.0 |
| Physical Health Not Good | 0.0 |
| Stroke | 0.0 |
| Health Risk Behaviors | — |
| Binge Drinking | 0.0 |
| Current Smoker | 0.0 |
| No Leisure Time for Physical Activity | 0.0 |
| Climate Change Exposures | — |
| Wildfire Risk | 0.0 |
| SLR Inundation Area | 0.0 |
| Children | 65.5 |
| Elderly | 68.4 |
| English Speaking | 0.0 |
| Foreign-born | 0.0 |
| Outdoor Workers | 1.8 |
| Climate Change Adaptive Capacity | — |
| Impervious Surface Cover | 96.4 |
| Traffic Density | 0.0 |
| Traffic Access | 0.0 |
| Other Indices | — |
| Hardship | 0.0 |
| Other Decision Support | — |
| 2016 Voting | 0.0 |

## 7.3. Overall Health & Equity Scores

| Metric | Result for Project Census Tract |
|---|---|
| CalEnviroScreen 4.0 Score for Project Location (a) | 83.0 |
| Healthy Places Index Score for Project Location (b) | — |
| Project Located in a Designated Disadvantaged Community (Senate Bill 535) | Yes |
| Project Located in a Low-Income Community (Assembly Bill 1550) | Yes |
| Project Located in a Community Air Protection Program Community (Assembly Bill 617) | No |

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

## 7.4. Health & Equity Measures

No Health & Equity Measures selected.

## 7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

## 7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

# 8. User Changes to Default Data

| Screen | Justification |
|---|---|
| Land Use | Modeling battery storage station as general light industrial. Assuming maximum square footage allowed for the land use. |
| Construction: Construction Phases | No demolition phase anticipated. Phasing based on example project provided and totals approx. 60 months. |
| Construction: Off-Road Equipment | Equipment, operating hours, and horsepower were based on the Bellefield solar project assumptions. Bellefield assumptions for generator sets, air compressors, and plate compactors that exceeded the maximum horsepower for that equipment were reduced to match the maximum. |
| Construction: Trips and VMT | Adjusted using list of construction trip assumptions. |

| | |
|---|---|
| Construction: On-Road Fugitive Dust | Assuming a quarter mile unpaved road distance for haul and vendor trucks, assuming 100% paved for worker vehicles. Assuming watering of unpaved roads and limiting speed to 15 mph in accordance with MDAQMD rule 8021. Limiting speed to 15 mph translates to a 66.6% reduction according to the WRAP fugitive dust handbook. |
| Operations: Vehicle Data | Passenger trips in light industry, trucks in office building. |
| Operations: Water and Waste Water | Assuming 7 acre-feet of outdoor water use for solar panels per year. Office building uses a septic tank. |
| Operations: Refrigerants | Added "Other commercial A/C and heat pumps" to represent SF6 emissions from substations. |
| Operations: Energy Use | Assuming that the project does not result in natural gas consumption. |
| Operations: Fleet Mix | Passenger trips in light industry and trucks in office building. |

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 12.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 8/15/2024
** FILE: F:\BUTTONBUSH\HRA 8.15.24 TO RUN\AAQA.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL AAQA.ERR
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ------------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.047619048
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 10
** 271026.002, 3934388.803, 83.68, 3.40, 93.02
** 270972.982, 3933360.209, 89.75, 3.40, 93.02
** 272807.485, 3933285.980, 80.79, 3.40, 93.02
** 272446.947, 3933551.082, 81.18, 3.40, 93.02
```

```
** 272266.678, 3933932.828, 79.48, 3.40, 93.02
** 271863.723, 3934155.513, 80.72, 3.40, 93.02
** 271344.124, 3934356.991, 82.44, 3.40, 93.02
** 271333.520, 3933635.914, 87.15, 3.40, 93.02
** 272097.013, 3933604.102, 83.08, 3.40, 93.02
** 271641.038, 3933943.432, 83.39, 3.40, 93.02
** ----------------------------------------------------------------
   LOCATION L0172211     VOLUME   271020.854 3934288.935 84.21
   LOCATION L0172212     VOLUME   271010.559 3934089.201 85.75
   LOCATION L0172213     VOLUME   271000.263 3933889.466 86.94
   LOCATION L0172214     VOLUME   270989.968 3933689.731 88.11
   LOCATION L0172215     VOLUME   270979.672 3933489.996 89.16
   LOCATION L0172216     VOLUME   271042.965 3933357.377 89.38
   LOCATION L0172217     VOLUME   271242.801 3933349.291 88.47
   LOCATION L0172218     VOLUME   271442.638 3933341.205 87.63
   LOCATION L0172219     VOLUME   271642.474 3933333.119 87.15
   LOCATION L0172220     VOLUME   271842.311 3933325.033 86.66
   LOCATION L0172221     VOLUME   272042.147 3933316.948 85.81
   LOCATION L0172222     VOLUME   272241.984 3933308.862 84.36
   LOCATION L0172223     VOLUME   272441.820 3933300.776 83.38
   LOCATION L0172224     VOLUME   272641.657 3933292.690 81.82
   LOCATION L0172225     VOLUME   272780.063 3933306.143 80.53
   LOCATION L0172226     VOLUME   272618.933 3933424.621 81.09
   LOCATION L0172227     VOLUME   272457.803 3933543.099 81.20
   LOCATION L0172228     VOLUME   272367.299 3933719.746 80.59
   LOCATION L0172229     VOLUME   272281.898 3933900.596 79.67
   LOCATION L0172230     VOLUME   272122.827 3934012.324 79.76
   LOCATION L0172231     VOLUME   271947.779 3934109.062 80.24
   LOCATION L0172232     VOLUME   271766.792 3934193.099 81.35
   LOCATION L0172233     VOLUME   271580.320 3934265.404 81.51
   LOCATION L0172234     VOLUME   271393.848 3934337.710 82.20
   LOCATION L0172235     VOLUME   271341.967 3934210.337 83.57
   LOCATION L0172236     VOLUME   271339.027 3934010.359 85.01
   LOCATION L0172237     VOLUME   271336.086 3933810.381 86.43
   LOCATION L0172238     VOLUME   271359.013 3933634.852 87.12
   LOCATION L0172239     VOLUME   271558.839 3933626.526 86.60
   LOCATION L0172240     VOLUME   271758.666 3933618.200 85.91
   LOCATION L0172241     VOLUME   271958.493 3933609.874 84.06
   LOCATION L0172242     VOLUME   272047.788 3933640.735 83.13
   LOCATION L0172243     VOLUME   271887.341 3933760.137 83.01
   LOCATION L0172244     VOLUME   271726.894 3933879.539 82.99
** END OF LINE VOLUME SOURCE ID = SLINE1
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE4
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.092436975
```

```
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 15
** 273825.475, 3936753.509, 77.54, 3.40, 93.02
** 273486.145, 3936764.113, 76.37, 3.40, 93.02
** 273422.520, 3933932.828, 75.95, 3.40, 93.02
** 273814.871, 3933307.188, 77.83, 3.40, 93.02
** 275214.607, 3933264.772, 77.86, 3.40, 93.02
** 275225.211, 3934219.138, 77.03, 3.40, 93.02
** 274896.485, 3934229.742, 76.97, 3.40, 93.02
** 274885.881, 3934611.488, 76.97, 3.40, 93.02
** 274058.764, 3934653.904, 76.91, 3.40, 93.02
** 274079.972, 3934166.117, 77.02, 3.40, 93.02
** 274567.759, 3934144.909, 77.10, 3.40, 93.02
** 274896.485, 3933667.726, 77.04, 3.40, 93.02
** 274058.764, 3933688.935, 77.19, 3.40, 93.02
** 273719.434, 3934134.305, 75.52, 3.40, 93.02
** 273783.059, 3936509.615, 76.52, 3.40, 93.02
** ----------------------------------------------------------------
   LOCATION L0172245     VOLUME   273725.524 3936756.632 76.95
   LOCATION L0172246     VOLUME   273525.621 3936762.879 76.45
   LOCATION L0172247     VOLUME   273482.539 3936603.649 76.14
   LOCATION L0172248     VOLUME   273478.046 3936403.700 75.86
   LOCATION L0172249     VOLUME   273473.552 3936203.750 75.47
   LOCATION L0172250     VOLUME   273469.059 3936003.801 75.54
   LOCATION L0172251     VOLUME   273464.566 3935803.851 75.43
   LOCATION L0172252     VOLUME   273460.073 3935603.902 75.49
   LOCATION L0172253     VOLUME   273455.579 3935403.952 75.49
   LOCATION L0172254     VOLUME   273451.086 3935204.002 75.44
   LOCATION L0172255     VOLUME   273446.593 3935004.053 75.97
   LOCATION L0172256     VOLUME   273442.100 3934804.103 76.85
   LOCATION L0172257     VOLUME   273437.606 3934604.154 76.84
   LOCATION L0172258     VOLUME   273433.113 3934404.204 76.45
   LOCATION L0172259     VOLUME   273428.620 3934204.255 75.45
   LOCATION L0172260     VOLUME   273424.127 3934004.305 75.69
   LOCATION L0172261     VOLUME   273490.794 3933823.960 76.27
   LOCATION L0172262     VOLUME   273597.051 3933654.522 76.83
   LOCATION L0172263     VOLUME   273703.309 3933485.084 77.29
   LOCATION L0172264     VOLUME   273809.567 3933315.646 77.80
   LOCATION L0172265     VOLUME   274004.801 3933301.433 77.15
   LOCATION L0172266     VOLUME   274204.709 3933295.375 77.07
   LOCATION L0172267     VOLUME   274404.617 3933289.317 77.50
   LOCATION L0172268     VOLUME   274604.525 3933283.259 79.21
   LOCATION L0172269     VOLUME   274804.434 3933277.202 78.35
   LOCATION L0172270     VOLUME   275004.342 3933271.144 78.10
   LOCATION L0172271     VOLUME   275204.250 3933265.086 77.90
   LOCATION L0172272     VOLUME   275216.714 3933454.399 77.38
   LOCATION L0172273     VOLUME   275218.936 3933654.386 77.13
   LOCATION L0172274     VOLUME   275221.158 3933854.374 76.99
   LOCATION L0172275     VOLUME   275223.380 3934054.362 77.03
```

```
   LOCATION L0172276     VOLUME   275190.016 3934220.273 77.01
   LOCATION L0172277     VOLUME   274990.120 3934226.721 76.97
   LOCATION L0172278     VOLUME   274893.533 3934336.017 76.97
   LOCATION L0172279     VOLUME   274887.980 3934535.940 76.97
   LOCATION L0172280     VOLUME   274761.621 3934617.860 76.97
   LOCATION L0172281     VOLUME   274561.884 3934628.103 76.99
   LOCATION L0172282     VOLUME   274362.146 3934638.346 76.37
   LOCATION L0172283     VOLUME   274162.409 3934648.589 76.28
   LOCATION L0172284     VOLUME   274062.944 3934557.776 76.60
   LOCATION L0172285     VOLUME   274071.631 3934357.965 77.02
   LOCATION L0172286     VOLUME   274087.936 3934165.771 77.03
   LOCATION L0172287     VOLUME   274287.748 3934157.084 76.92
   LOCATION L0172288     VOLUME   274487.559 3934148.396 77.03
   LOCATION L0172289     VOLUME   274635.679 3934046.316 77.00
   LOCATION L0172290     VOLUME   274749.140 3933881.614 77.01
   LOCATION L0172291     VOLUME   274862.601 3933716.913 77.06
   LOCATION L0172292     VOLUME   274756.258 3933671.277 77.08
   LOCATION L0172293     VOLUME   274556.322 3933676.338 77.08
   LOCATION L0172294     VOLUME   274356.386 3933681.400 77.63
   LOCATION L0172295     VOLUME   274156.450 3933686.462 77.49
   LOCATION L0172296     VOLUME   273996.776 3933770.294 75.87
   LOCATION L0172297     VOLUME   273875.568 3933929.380 75.70
   LOCATION L0172298     VOLUME   273754.359 3934088.466 75.50
   LOCATION L0172299     VOLUME   273723.246 3934276.626 76.08
   LOCATION L0172300     VOLUME   273728.602 3934476.555 76.55
   LOCATION L0172301     VOLUME   273733.957 3934676.483 76.61
   LOCATION L0172302     VOLUME   273739.312 3934876.411 76.89
   LOCATION L0172303     VOLUME   273744.667 3935076.340 76.26
   LOCATION L0172304     VOLUME   273750.023 3935276.268 75.70
   LOCATION L0172305     VOLUME   273755.378 3935476.196 75.63
   LOCATION L0172306     VOLUME   273760.733 3935676.124 75.68
   LOCATION L0172307     VOLUME   273766.088 3935876.053 75.58
   LOCATION L0172308     VOLUME   273771.443 3936075.981 75.58
   LOCATION L0172309     VOLUME   273776.799 3936275.909 75.95
   LOCATION L0172310     VOLUME   273782.154 3936475.838 76.40
** END OF LINE VOLUME SOURCE ID = SLINE4
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE5
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.057422969
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 11
** 276135.570, 3933525.101, 77.90, 3.40, 93.02
** 275738.977, 3933534.115, 77.17, 3.40, 93.02
** 275738.977, 3931668.323, 79.74, 3.40, 93.02
```

```
** 277685.890, 3931605.229, 80.19, 3.40, 93.02
** 277685.890, 3931857.607, 80.05, 3.40, 93.02
** 276685.393, 3931902.674, 78.33, 3.40, 93.02
** 276694.406, 3932317.294, 78.25, 3.40, 93.02
** 276396.961, 3932335.321, 78.15, 3.40, 93.02
** 276414.988, 3931947.741, 78.50, 3.40, 93.02
** 276126.557, 3931956.755, 78.76, 3.40, 93.02
** 276108.530, 3933317.791, 77.84, 3.40, 93.02
** ----------------------------------------------------------------------
   LOCATION L0172311     VOLUME   276035.596 3933527.373 77.58
   LOCATION L0172312     VOLUME   275835.648 3933531.918 77.09
   LOCATION L0172313     VOLUME   275738.977 3933430.810 77.29
   LOCATION L0172314     VOLUME   275738.977 3933230.810 77.54
   LOCATION L0172315     VOLUME   275738.977 3933030.810 77.73
   LOCATION L0172316     VOLUME   275738.977 3932830.810 77.95
   LOCATION L0172317     VOLUME   275738.977 3932630.810 78.16
   LOCATION L0172318     VOLUME   275738.977 3932430.810 78.45
   LOCATION L0172319     VOLUME   275738.977 3932230.810 78.49
   LOCATION L0172320     VOLUME   275738.977 3932030.810 78.50
   LOCATION L0172321     VOLUME   275738.977 3931830.810 78.54
   LOCATION L0172322     VOLUME   275776.471 3931667.108 79.62
   LOCATION L0172323     VOLUME   275976.366 3931660.630 79.18
   LOCATION L0172324     VOLUME   276176.261 3931654.152 78.68
   LOCATION L0172325     VOLUME   276376.156 3931647.674 78.50
   LOCATION L0172326     VOLUME   276576.051 3931641.196 78.64
   LOCATION L0172327     VOLUME   276775.946 3931634.718 78.55
   LOCATION L0172328     VOLUME   276975.841 3931628.240 78.48
   LOCATION L0172329     VOLUME   277175.736 3931621.762 78.76
   LOCATION L0172330     VOLUME   277375.631 3931615.284 80.05
   LOCATION L0172331     VOLUME   277575.526 3931608.806 79.94
   LOCATION L0172332     VOLUME   277685.890 3931694.808 79.87
   LOCATION L0172333     VOLUME   277648.726 3931859.281 80.03
   LOCATION L0172334     VOLUME   277448.929 3931868.280 79.74
   LOCATION L0172335     VOLUME   277249.131 3931877.280 79.62
   LOCATION L0172336     VOLUME   277049.334 3931886.280 78.47
   LOCATION L0172337     VOLUME   276849.537 3931895.280 78.34
   LOCATION L0172338     VOLUME   276686.169 3931938.355 78.31
   LOCATION L0172339     VOLUME   276690.515 3932138.308 78.22
   LOCATION L0172340     VOLUME   276673.473 3932318.563 78.23
   LOCATION L0172341     VOLUME   276473.840 3932330.662 78.11
   LOCATION L0172342     VOLUME   276402.675 3932212.473 78.31
   LOCATION L0172343     VOLUME   276411.968 3932012.689 78.49
   LOCATION L0172344     VOLUME   276280.072 3931951.958 78.60
   LOCATION L0172345     VOLUME   276125.942 3932003.161 78.71
   LOCATION L0172346     VOLUME   276123.293 3932203.143 78.48
   LOCATION L0172347     VOLUME   276120.645 3932403.126 78.24
   LOCATION L0172348     VOLUME   276117.996 3932603.108 78.06
   LOCATION L0172349     VOLUME   276115.347 3932803.090 78.02
   LOCATION L0172350     VOLUME   276112.698 3933003.073 77.99
   LOCATION L0172351     VOLUME   276110.050 3933203.055 77.92
```

```
** END OF LINE VOLUME SOURCE ID = SLINE5
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE6
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.025210084
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 7
** 278641.319, 3934255.193, 90.72, 3.40, 93.02
** 277397.458, 3934264.207, 85.89, 3.40, 93.02
** 277424.499, 3933534.115, 81.59, 3.40, 93.02
** 277830.105, 3933534.115, 86.16, 3.40, 93.02
** 277839.119, 3934092.951, 89.15, 3.40, 93.02
** 277586.741, 3934083.937, 87.70, 3.40, 93.02
** 277604.768, 3933696.357, 84.79, 3.40, 93.02
** ----------------------------------------------------------------
   LOCATION L0172352     VOLUME   278541.322 3934255.918 90.75
   LOCATION L0172353     VOLUME   278341.327 3934257.367 90.59
   LOCATION L0172354     VOLUME   278141.332 3934258.816 89.92
   LOCATION L0172355     VOLUME   277941.337 3934260.266 89.01
   LOCATION L0172356     VOLUME   277741.343 3934261.715 89.21
   LOCATION L0172357     VOLUME   277541.348 3934263.164 88.27
   LOCATION L0172358     VOLUME   277399.535 3934208.139 86.00
   LOCATION L0172359     VOLUME   277406.937 3934008.276 85.72
   LOCATION L0172360     VOLUME   277414.339 3933808.413 84.41
   LOCATION L0172361     VOLUME   277421.742 3933608.550 82.31
   LOCATION L0172362     VOLUME   277550.012 3933534.115 83.31
   LOCATION L0172363     VOLUME   277750.012 3933534.115 85.58
   LOCATION L0172364     VOLUME   277832.039 3933654.006 86.64
   LOCATION L0172365     VOLUME   277835.264 3933853.980 87.33
   LOCATION L0172366     VOLUME   277838.490 3934053.954 88.90
   LOCATION L0172367     VOLUME   277678.223 3934087.204 88.75
   LOCATION L0172368     VOLUME   277591.780 3933975.594 87.02
   LOCATION L0172369     VOLUME   277601.073 3933775.810 85.96
** END OF LINE VOLUME SOURCE ID = SLINE6
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE9
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.033613445
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 7
```

```
** 274054.710, 3927962.941, 81.99, 3.40, 93.02
** 275220.448, 3927936.891, 83.15, 3.40, 93.02
** 275246.498, 3926920.941, 84.46, 3.40, 93.02
** 274263.110, 3927761.054, 83.27, 3.40, 93.02
** 275005.535, 3927735.004, 83.11, 3.40, 93.02
** 275044.610, 3927376.816, 83.19, 3.40, 93.02
** 274790.623, 3927546.141, 83.42, 3.40, 93.02
** ----------------------------------------------------------------
   LOCATION L0172370     VOLUME   274154.685 3927960.707 82.67
   LOCATION L0172371     VOLUME   274354.635 3927956.239 83.23
   LOCATION L0172372     VOLUME   274554.585 3927951.771 83.23
   LOCATION L0172373     VOLUME   274754.535 3927947.303 83.26
   LOCATION L0172374     VOLUME   274954.485 3927942.835 83.17
   LOCATION L0172375     VOLUME   275154.435 3927938.367 83.14
   LOCATION L0172376     VOLUME   275223.882 3927802.964 83.06
   LOCATION L0172377     VOLUME   275229.008 3927603.030 83.11
   LOCATION L0172378     VOLUME   275234.135 3927403.096 83.16
   LOCATION L0172379     VOLUME   275239.261 3927203.162 83.63
   LOCATION L0172380     VOLUME   275244.388 3927003.227 84.23
   LOCATION L0172381     VOLUME   275157.018 3926997.384 84.50
   LOCATION L0172382     VOLUME   275004.954 3927127.294 84.15
   LOCATION L0172383     VOLUME   274852.889 3927257.203 84.18
   LOCATION L0172384     VOLUME   274700.825 3927387.112 84.60
   LOCATION L0172385     VOLUME   274548.760 3927517.021 84.44
   LOCATION L0172386     VOLUME   274396.696 3927646.931 83.50
   LOCATION L0172387     VOLUME   274287.398 3927760.202 83.23
   LOCATION L0172388     VOLUME   274487.275 3927753.188 83.22
   LOCATION L0172389     VOLUME   274687.152 3927746.175 83.10
   LOCATION L0172390     VOLUME   274887.029 3927739.162 83.13
   LOCATION L0172391     VOLUME   275014.365 3927654.063 83.11
   LOCATION L0172392     VOLUME   275036.055 3927455.243 83.11
   LOCATION L0172393     VOLUME   274943.842 3927443.995 83.14
** END OF LINE VOLUME SOURCE ID = SLINE9
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE12
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.065826331
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 21
** 272368.221, 3926447.984, 79.62, 3.40, 93.02
** 272440.191, 3926171.178, 79.85, 3.40, 93.02
** 272395.902, 3925844.547, 79.73, 3.40, 93.02
** 272883.081, 3925196.820, 80.08, 3.40, 93.02
** 273785.469, 3925152.531, 81.19, 3.40, 93.02
** 273746.716, 3925573.277, 81.09, 3.40, 93.02
```

```
** 273514.199, 3925800.258, 80.39, 3.40, 93.02
** 273508.663, 3926442.448, 80.26, 3.40, 93.02
** 272595.203, 3926447.984, 79.80, 3.40, 93.02
** 272716.997, 3926171.178, 79.93, 3.40, 93.02
** 272656.100, 3925855.619, 80.02, 3.40, 93.02
** 272999.340, 3925362.904, 80.16, 3.40, 93.02
** 273580.633, 3925351.832, 80.62, 3.40, 93.02
** 273254.001, 3925800.258, 80.09, 3.40, 93.02
** 273298.290, 3926270.828, 80.07, 3.40, 93.02
** 272883.081, 3926270.828, 80.03, 3.40, 93.02
** 272877.545, 3925888.836, 80.03, 3.40, 93.02
** 273082.381, 3925534.524, 80.07, 3.40, 93.02
** 273215.248, 3925556.668, 80.10, 3.40, 93.02
** 273054.701, 3925883.300, 80.28, 3.40, 93.02
** 273060.237, 3926126.889, 80.04, 3.40, 93.02
** ------------------------------------------------------------------
   LOCATION L0172394     VOLUME   272393.385 3926351.202 79.74
   LOCATION L0172395     VOLUME   272438.311 3926157.314 79.85
   LOCATION L0172396     VOLUME   272411.438 3925959.128 79.79
   LOCATION L0172397     VOLUME   272446.617 3925777.120 79.91
   LOCATION L0172398     VOLUME   272566.835 3925617.284 79.94
   LOCATION L0172399     VOLUME   272687.053 3925457.448 80.02
   LOCATION L0172400     VOLUME   272807.272 3925297.612 80.06
   LOCATION L0172401     VOLUME   272956.873 3925193.199 80.10
   LOCATION L0172402     VOLUME   273156.633 3925183.394 80.15
   LOCATION L0172403     VOLUME   273356.392 3925173.590 80.38
   LOCATION L0172404     VOLUME   273556.152 3925163.786 80.68
   LOCATION L0172405     VOLUME   273755.911 3925153.982 81.12
   LOCATION L0172406     VOLUME   273769.840 3925322.220 81.09
   LOCATION L0172407     VOLUME   273751.497 3925521.377 81.07
   LOCATION L0172408     VOLUME   273640.897 3925676.577 80.82
   LOCATION L0172409     VOLUME   273514.001 3925823.199 80.38
   LOCATION L0172410     VOLUME   273512.277 3926023.192 80.34
   LOCATION L0172411     VOLUME   273510.553 3926223.185 80.28
   LOCATION L0172412     VOLUME   273508.829 3926423.177 80.22
   LOCATION L0172413     VOLUME   273327.938 3926443.544 80.05
   LOCATION L0172414     VOLUME   273127.942 3926444.756 80.02
   LOCATION L0172415     VOLUME   272927.946 3926445.968 80.03
   LOCATION L0172416     VOLUME   272727.949 3926447.180 79.90
   LOCATION L0172417     VOLUME   272622.287 3926386.429 79.85
   LOCATION L0172418     VOLUME   272702.835 3926203.366 79.91
   LOCATION L0172419     VOLUME   272685.763 3926009.330 80.01
   LOCATION L0172420     VOLUME   272680.938 3925819.965 80.02
   LOCATION L0172421     VOLUME   272795.259 3925655.859 80.02
   LOCATION L0172422     VOLUME   272909.580 3925491.753 80.05
   LOCATION L0172423     VOLUME   273042.300 3925362.086 80.14
   LOCATION L0172424     VOLUME   273242.264 3925358.277 80.19
   LOCATION L0172425     VOLUME   273442.228 3925354.468 80.18
   LOCATION L0172426     VOLUME   273544.382 3925401.599 80.51
   LOCATION L0172427     VOLUME   273426.629 3925563.260 80.14
```

```
   LOCATION L0172428     VOLUME   273308.876 3925724.921 80.09
   LOCATION L0172429     VOLUME   273264.009 3925906.584 80.09
   LOCATION L0172430     VOLUME   273282.749 3926105.704 80.06
   LOCATION L0172431     VOLUME   273264.144 3926270.828 80.06
   LOCATION L0172432     VOLUME   273064.144 3926270.828 80.04
   LOCATION L0172433     VOLUME   272882.807 3926251.894 80.03
   LOCATION L0172434     VOLUME   272879.908 3926051.915 80.00
   LOCATION L0172435     VOLUME   272896.016 3925856.887 80.04
   LOCATION L0172436     VOLUME   272996.116 3925683.740 80.11
   LOCATION L0172437     VOLUME   273109.648 3925539.068 80.02
   LOCATION L0172438     VOLUME   273174.250 3925640.080 80.07
   LOCATION L0172439     VOLUME   273086.026 3925819.570 80.68
   LOCATION L0172440     VOLUME   273057.632 3926012.254 80.14
** END OF LINE VOLUME SOURCE ID = SLINE12
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE13
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.005602241
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 2
** 274100.249, 3925051.183, 82.21, 3.40, 93.02
** 274056.739, 3924283.360, 81.58, 3.40, 93.02
** ----------------------------------------------------------------------
   LOCATION L0172441     VOLUME   274094.592 3924951.343 82.22
   LOCATION L0172442     VOLUME   274083.277 3924751.663 81.83
   LOCATION L0172443     VOLUME   274071.961 3924551.984 81.58
   LOCATION L0172444     VOLUME   274060.646 3924352.304 81.61
** END OF LINE VOLUME SOURCE ID = SLINE13
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE14
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.004201681
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 2
** 274427.660, 3924103.929, 82.61, 3.40, 93.02
** 274516.238, 3923550.316, 81.63, 3.40, 93.02
** ----------------------------------------------------------------------
   LOCATION L0172445     VOLUME   274443.459 3924005.185 82.52
   LOCATION L0172446     VOLUME   274475.057 3923807.697 82.33
   LOCATION L0172447     VOLUME   274506.655 3923610.208 81.68
```

```
** END OF LINE VOLUME SOURCE ID = SLINE14
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE15
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.021008403
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 5
** 285719.413, 3929270.808, 95.31, 3.40, 93.02
** 285382.251, 3929270.808, 95.19, 3.40, 93.02
** 285382.251, 3928067.754, 95.55, 3.40, 93.02
** 285796.040, 3928060.092, 95.87, 3.40, 93.02
** 285750.064, 3929086.902, 95.50, 3.40, 93.02
** ----------------------------------------------------------------------
   LOCATION L0172448     VOLUME   285619.413 3929270.808 95.25
   LOCATION L0172449     VOLUME   285419.413 3929270.808 95.19
   LOCATION L0172450     VOLUME   285382.251 3929107.970 95.34
   LOCATION L0172451     VOLUME   285382.251 3928907.970 95.47
   LOCATION L0172452     VOLUME   285382.251 3928707.970 95.50
   LOCATION L0172453     VOLUME   285382.251 3928507.970 95.51
   LOCATION L0172454     VOLUME   285382.251 3928307.970 95.54
   LOCATION L0172455     VOLUME   285382.251 3928107.970 95.55
   LOCATION L0172456     VOLUME   285542.009 3928064.796 95.68
   LOCATION L0172457     VOLUME   285741.974 3928061.093 95.85
   LOCATION L0172458     VOLUME   285789.513 3928205.870 95.84
   LOCATION L0172459     VOLUME   285780.566 3928405.670 95.75
   LOCATION L0172460     VOLUME   285771.620 3928605.470 95.71
   LOCATION L0172461     VOLUME   285762.674 3928805.270 95.70
   LOCATION L0172462     VOLUME   285753.728 3929005.070 95.57
** END OF LINE VOLUME SOURCE ID = SLINE15
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE16
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.170868347
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 25
** 287351.581, 3927592.663, 95.84, 3.40, 93.02
** 288110.194, 3927577.338, 96.88, 3.40, 93.02
** 288102.531, 3927224.851, 96.78, 3.40, 93.02
** 286516.340, 3927247.839, 95.62, 3.40, 93.02
** 286516.340, 3927585.000, 95.88, 3.40, 93.02
```

```
** 286202.167, 3927577.338, 95.78, 3.40, 93.02
** 286186.841, 3927853.197, 95.93, 3.40, 93.02
** 285750.064, 3927692.279, 95.74, 3.40, 93.02
** 285742.401, 3926788.073, 95.36, 3.40, 93.02
** 283757.746, 3926849.375, 90.96, 3.40, 93.02
** 283719.432, 3924949.010, 86.60, 3.40, 93.02
** 284815.207, 3924918.359, 88.90, 3.40, 93.02
** 284830.532, 3925676.973, 90.18, 3.40, 93.02
** 286393.736, 3925615.671, 95.18, 3.40, 93.02
** 286439.712, 3926948.991, 95.38, 3.40, 93.02
** 286010.597, 3927454.734, 95.96, 3.40, 93.02
** 285995.272, 3926512.214, 93.83, 3.40, 93.02
** 284018.279, 3926565.853, 91.10, 3.40, 93.02
** 283979.966, 3925201.882, 87.56, 3.40, 93.02
** 284569.998, 3925194.219, 89.01, 3.40, 93.02
** 284577.661, 3925914.518, 90.25, 3.40, 93.02
** 286148.527, 3925891.530, 94.76, 3.40, 93.02
** 286140.864, 3926228.692, 95.31, 3.40, 93.02
** 284294.139, 3926221.029, 89.21, 3.40, 93.02
** 284286.476, 3925416.439, 87.70, 3.40, 93.02
** ------------------------------------------------------------------
   LOCATION L0172463     VOLUME   287451.560 3927590.643 96.19
   LOCATION L0172464     VOLUME   287651.520 3927586.604 96.76
   LOCATION L0172465     VOLUME   287851.479 3927582.564 96.40
   LOCATION L0172466     VOLUME   288051.438 3927578.525 96.89
   LOCATION L0172467     VOLUME   288107.125 3927436.139 96.72
   LOCATION L0172468     VOLUME   288102.778 3927236.187 96.78
   LOCATION L0172469     VOLUME   287913.890 3927227.585 96.17
   LOCATION L0172470     VOLUME   287713.911 3927230.483 95.80
   LOCATION L0172471     VOLUME   287513.932 3927233.381 95.74
   LOCATION L0172472     VOLUME   287313.953 3927236.279 95.74
   LOCATION L0172473     VOLUME   287113.974 3927239.178 95.41
   LOCATION L0172474     VOLUME   286913.995 3927242.076 95.32
   LOCATION L0172475     VOLUME   286714.016 3927244.974 94.57
   LOCATION L0172476     VOLUME   286516.340 3927250.142 95.59
   LOCATION L0172477     VOLUME   286516.340 3927450.142 95.47
   LOCATION L0172478     VOLUME   286451.217 3927583.412 95.80
   LOCATION L0172479     VOLUME   286251.277 3927578.536 95.65
   LOCATION L0172480     VOLUME   286193.797 3927727.981 95.87
   LOCATION L0172481     VOLUME   286116.850 3927827.411 95.93
   LOCATION L0172482     VOLUME   285929.181 3927758.270 96.42
   LOCATION L0172483     VOLUME   285749.986 3927683.166 95.74
   LOCATION L0172484     VOLUME   285748.291 3927483.174 95.42
   LOCATION L0172485     VOLUME   285746.597 3927283.181 95.26
   LOCATION L0172486     VOLUME   285744.902 3927083.188 95.32
   LOCATION L0172487     VOLUME   285743.207 3926883.195 95.37
   LOCATION L0172488     VOLUME   285637.576 3926791.311 95.03
   LOCATION L0172489     VOLUME   285437.671 3926797.486 95.15
   LOCATION L0172490     VOLUME   285237.767 3926803.660 94.32
   LOCATION L0172491     VOLUME   285037.862 3926809.835 93.83
```

LOCATION L0172492 VOLUME 284837.958 3926816.010 93.75
LOCATION L0172493 VOLUME 284638.053 3926822.184 93.58
LOCATION L0172494 VOLUME 284438.148 3926828.359 93.52
LOCATION L0172495 VOLUME 284238.244 3926834.534 92.26
LOCATION L0172496 VOLUME 284038.339 3926840.708 92.02
LOCATION L0172497 VOLUME 283838.434 3926846.883 91.31
LOCATION L0172498 VOLUME 283755.341 3926730.127 90.41
LOCATION L0172499 VOLUME 283751.310 3926530.167 88.82
LOCATION L0172500 VOLUME 283747.278 3926330.208 88.68
LOCATION L0172501 VOLUME 283743.247 3926130.249 88.95
LOCATION L0172502 VOLUME 283739.216 3925930.289 88.56
LOCATION L0172503 VOLUME 283735.184 3925730.330 87.89
LOCATION L0172504 VOLUME 283731.153 3925530.371 87.77
LOCATION L0172505 VOLUME 283727.121 3925330.411 87.31
LOCATION L0172506 VOLUME 283723.090 3925130.452 86.90
LOCATION L0172507 VOLUME 283737.946 3924948.493 86.63
LOCATION L0172508 VOLUME 283937.868 3924942.900 86.89
LOCATION L0172509 VOLUME 284137.790 3924937.308 87.18
LOCATION L0172510 VOLUME 284337.712 3924931.716 87.45
LOCATION L0172511 VOLUME 284537.633 3924926.124 87.82
LOCATION L0172512 VOLUME 284737.555 3924920.531 88.59
LOCATION L0172513 VOLUME 284817.677 3925040.653 88.84
LOCATION L0172514 VOLUME 284821.717 3925240.612 90.24
LOCATION L0172515 VOLUME 284825.756 3925440.571 89.88
LOCATION L0172516 VOLUME 284829.796 3925640.530 89.88
LOCATION L0172517 VOLUME 284993.957 3925670.564 90.38
LOCATION L0172518 VOLUME 285193.803 3925662.727 90.70
LOCATION L0172519 VOLUME 285393.649 3925654.890 92.42
LOCATION L0172520 VOLUME 285593.496 3925647.053 93.65
LOCATION L0172521 VOLUME 285793.342 3925639.216 93.71
LOCATION L0172522 VOLUME 285993.189 3925631.378 93.87
LOCATION L0172523 VOLUME 286193.035 3925623.541 94.31
LOCATION L0172524 VOLUME 286392.881 3925615.704 95.20
LOCATION L0172525 VOLUME 286400.599 3925814.698 95.14
LOCATION L0172526 VOLUME 286407.491 3926014.579 95.21
LOCATION L0172527 VOLUME 286414.383 3926214.460 95.30
LOCATION L0172528 VOLUME 286421.276 3926414.341 95.14
LOCATION L0172529 VOLUME 286428.168 3926614.222 95.36
LOCATION L0172530 VOLUME 286435.061 3926814.104 93.52
LOCATION L0172531 VOLUME 286397.638 3926998.579 95.46
LOCATION L0172532 VOLUME 286268.242 3927151.081 95.66
LOCATION L0172533 VOLUME 286138.847 3927303.583 95.66
LOCATION L0172534 VOLUME 286010.569 3927452.962 95.93
LOCATION L0172535 VOLUME 286007.317 3927252.989 95.46
LOCATION L0172536 VOLUME 286004.065 3927053.015 95.61
LOCATION L0172537 VOLUME 286000.814 3926853.042 95.38
LOCATION L0172538 VOLUME 285997.562 3926653.068 95.48
LOCATION L0172539 VOLUME 285936.166 3926513.817 93.85
LOCATION L0172540 VOLUME 285736.240 3926519.242 93.73
LOCATION L0172541 VOLUME 285536.314 3926524.666 93.70

```
   LOCATION L0172542     VOLUME   285336.387 3926530.091 90.84
   LOCATION L0172543     VOLUME   285136.461 3926535.515 93.84
   LOCATION L0172544     VOLUME   284936.534 3926540.939 92.89
   LOCATION L0172545     VOLUME   284736.608 3926546.364 92.50
   LOCATION L0172546     VOLUME   284536.681 3926551.788 91.64
   LOCATION L0172547     VOLUME   284336.755 3926557.212 92.22
   LOCATION L0172548     VOLUME   284136.829 3926562.637 91.90
   LOCATION L0172549     VOLUME   284015.994 3926484.478 90.89
   LOCATION L0172550     VOLUME   284010.378 3926284.557 89.12
   LOCATION L0172551     VOLUME   284004.762 3926084.636 88.41
   LOCATION L0172552     VOLUME   283999.146 3925884.715 88.10
   LOCATION L0172553     VOLUME   283993.531 3925684.793 88.04
   LOCATION L0172554     VOLUME   283987.915 3925484.872 87.68
   LOCATION L0172555     VOLUME   283982.299 3925284.951 87.66
   LOCATION L0172556     VOLUME   284096.853 3925200.364 87.33
   LOCATION L0172557     VOLUME   284296.837 3925197.766 87.53
   LOCATION L0172558     VOLUME   284496.820 3925195.169 89.20
   LOCATION L0172559     VOLUME   284571.347 3925321.027 88.90
   LOCATION L0172560     VOLUME   284573.475 3925521.016 89.35
   LOCATION L0172561     VOLUME   284575.602 3925721.004 90.43
   LOCATION L0172562     VOLUME   284584.135 3925914.424 90.27
   LOCATION L0172563     VOLUME   284784.114 3925911.497 90.67
   LOCATION L0172564     VOLUME   284984.092 3925908.571 90.72
   LOCATION L0172565     VOLUME   285184.071 3925905.644 92.04
   LOCATION L0172566     VOLUME   285384.050 3925902.718 92.78
   LOCATION L0172567     VOLUME   285584.028 3925899.791 93.66
   LOCATION L0172568     VOLUME   285784.007 3925896.865 94.16
   LOCATION L0172569     VOLUME   285983.985 3925893.938 94.49
   LOCATION L0172570     VOLUME   286147.722 3925926.962 94.83
   LOCATION L0172571     VOLUME   286143.178 3926126.910 95.16
   LOCATION L0172572     VOLUME   286042.673 3926228.284 95.02
   LOCATION L0172573     VOLUME   285842.675 3926227.454 93.98
   LOCATION L0172574     VOLUME   285642.677 3926226.624 93.82
   LOCATION L0172575     VOLUME   285442.678 3926225.795 93.59
   LOCATION L0172576     VOLUME   285242.680 3926224.965 93.77
   LOCATION L0172577     VOLUME   285042.682 3926224.135 92.50
   LOCATION L0172578     VOLUME   284842.684 3926223.305 91.11
   LOCATION L0172579     VOLUME   284642.685 3926222.475 91.06
   LOCATION L0172580     VOLUME   284442.687 3926221.645 90.41
   LOCATION L0172581     VOLUME   284293.649 3926169.581 89.21
   LOCATION L0172582     VOLUME   284291.744 3925969.590 88.24
   LOCATION L0172583     VOLUME   284289.840 3925769.599 89.18
   LOCATION L0172584     VOLUME   284287.935 3925569.608 88.32
** END OF LINE VOLUME SOURCE ID = SLINE16
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE17
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
```

```
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.049019608
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 12
** 284677.277, 3924642.500, 88.22, 0.00, 93.02
** 284684.940, 3924014.154, 87.80, 0.00, 93.02
** 284991.450, 3924014.154, 88.79, 0.00, 93.02
** 285006.776, 3924274.687, 88.70, 0.00, 93.02
** 285627.459, 3924290.013, 90.01, 0.00, 93.02
** 285650.448, 3923814.922, 89.66, 0.00, 93.02
** 284914.823, 3923814.922, 88.60, 0.00, 93.02
** 284914.823, 3923531.400, 88.18, 0.00, 93.02
** 286133.202, 3923546.725, 90.68, 0.00, 93.02
** 286133.202, 3923255.540, 90.90, 0.00, 93.02
** 284884.172, 3923240.215, 88.22, 0.00, 93.02
** 284861.604, 3922233.150, 89.06, 0.00, 93.02
** ------------------------------------------------------------------
   LOCATION L0172585     VOLUME   284678.496 3924542.507 88.16
   LOCATION L0172586     VOLUME   284680.935 3924342.522 87.82
   LOCATION L0172587     VOLUME   284683.374 3924142.537 87.88
   LOCATION L0172588     VOLUME   284756.547 3924014.154 88.01
   LOCATION L0172589     VOLUME   284956.547 3924014.154 88.69
   LOCATION L0172590     VOLUME   285001.145 3924178.965 88.70
   LOCATION L0172591     VOLUME   285110.856 3924277.257 88.93
   LOCATION L0172592     VOLUME   285310.795 3924282.194 89.38
   LOCATION L0172593     VOLUME   285510.734 3924287.131 89.78
   LOCATION L0172594     VOLUME   285631.482 3924206.871 89.98
   LOCATION L0172595     VOLUME   285641.148 3924007.105 89.88
   LOCATION L0172596     VOLUME   285642.856 3923814.922 89.66
   LOCATION L0172597     VOLUME   285442.856 3923814.922 89.60
   LOCATION L0172598     VOLUME   285242.856 3923814.922 89.39
   LOCATION L0172599     VOLUME   285042.856 3923814.922 89.12
   LOCATION L0172600     VOLUME   284914.823 3923742.955 88.58
   LOCATION L0172601     VOLUME   284914.823 3923542.955 88.19
   LOCATION L0172602     VOLUME   285103.253 3923533.770 88.77
   LOCATION L0172603     VOLUME   285303.237 3923536.285 89.21
   LOCATION L0172604     VOLUME   285503.221 3923538.801 89.28
   LOCATION L0172605     VOLUME   285703.205 3923541.316 89.59
   LOCATION L0172606     VOLUME   285903.189 3923543.832 90.64
   LOCATION L0172607     VOLUME   286103.173 3923546.347 90.66
   LOCATION L0172608     VOLUME   286133.202 3923376.756 90.77
   LOCATION L0172609     VOLUME   286054.423 3923254.574 90.83
   LOCATION L0172610     VOLUME   285854.438 3923252.120 90.16
   LOCATION L0172611     VOLUME   285654.453 3923249.666 89.46
   LOCATION L0172612     VOLUME   285454.468 3923247.212 89.49
   LOCATION L0172613     VOLUME   285254.483 3923244.758 89.16
   LOCATION L0172614     VOLUME   285054.498 3923242.305 88.61
   LOCATION L0172615     VOLUME   284883.507 3923210.562 88.22
   LOCATION L0172616     VOLUME   284879.026 3923010.612 88.24
```

```
   LOCATION L0172617     VOLUME   284874.545 3922810.662 88.34
   LOCATION L0172618     VOLUME   284870.065 3922610.712 88.67
   LOCATION L0172619     VOLUME   284865.584 3922410.763 88.88
** END OF LINE VOLUME SOURCE ID = SLINE17
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE18
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.12464986
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 18
** 284746.242, 3922006.510, 89.34, 0.00, 93.02
** 284470.382, 3922006.510, 89.13, 0.00, 93.02
** 284426.616, 3920868.013, 88.19, 0.00, 93.02
** 287190.663, 3920872.421, 91.13, 0.00, 93.02
** 287190.663, 3921615.709, 90.76, 0.00, 93.02
** 288041.229, 3921615.709, 92.92, 0.00, 93.02
** 288041.229, 3922075.475, 92.72, 0.00, 93.02
** 285060.415, 3922044.824, 89.23, 0.00, 93.02
** 285068.078, 3921814.941, 89.37, 0.00, 93.02
** 284738.579, 3921791.953, 89.16, 0.00, 93.02
** 284746.242, 3921163.606, 89.25, 0.00, 93.02
** 286930.129, 3921140.618, 90.99, 0.00, 93.02
** 286914.803, 3921416.477, 92.30, 0.00, 93.02
** 285029.764, 3921401.152, 89.32, 0.00, 93.02
** 285052.752, 3921623.372, 89.24, 0.00, 93.02
** 285397.577, 3921623.372, 89.84, 0.00, 93.02
** 285397.577, 3921814.941, 89.75, 0.00, 93.02
** 287734.719, 3921837.929, 91.74, 0.00, 93.02
** ----------------------------------------------------------------------
   LOCATION L0172620     VOLUME   284646.242 3922006.510 89.32
   LOCATION L0172621     VOLUME   284469.455 3921982.387 89.10
   LOCATION L0172622     VOLUME   284461.772 3921782.535 88.64
   LOCATION L0172623     VOLUME   284454.089 3921582.682 88.33
   LOCATION L0172624     VOLUME   284446.406 3921382.830 87.88
   LOCATION L0172625     VOLUME   284438.724 3921182.978 87.86
   LOCATION L0172626     VOLUME   284431.041 3920983.125 88.24
   LOCATION L0172627     VOLUME   284511.418 3920868.149 88.23
   LOCATION L0172628     VOLUME   284711.418 3920868.468 88.25
   LOCATION L0172629     VOLUME   284911.418 3920868.786 89.25
   LOCATION L0172630     VOLUME   285111.418 3920869.105 89.26
   LOCATION L0172631     VOLUME   285311.417 3920869.424 89.26
   LOCATION L0172632     VOLUME   285511.417 3920869.743 89.39
   LOCATION L0172633     VOLUME   285711.417 3920870.062 89.84
   LOCATION L0172634     VOLUME   285911.417 3920870.381 90.51
   LOCATION L0172635     VOLUME   286111.416 3920870.700 90.56
```

LOCATION L0172636 VOLUME 286311.416 3920871.019 90.54
LOCATION L0172637 VOLUME 286511.416 3920871.338 90.64
LOCATION L0172638 VOLUME 286711.416 3920871.657 90.79
LOCATION L0172639 VOLUME 286911.415 3920871.976 91.00
LOCATION L0172640 VOLUME 287111.415 3920872.295 91.08
LOCATION L0172641 VOLUME 287190.663 3920993.174 91.33
LOCATION L0172642 VOLUME 287190.663 3921193.174 91.75
LOCATION L0172643 VOLUME 287190.663 3921393.174 92.27
LOCATION L0172644 VOLUME 287190.663 3921593.174 90.29
LOCATION L0172645 VOLUME 287368.127 3921615.709 92.25
LOCATION L0172646 VOLUME 287568.127 3921615.709 92.29
LOCATION L0172647 VOLUME 287768.127 3921615.709 92.47
LOCATION L0172648 VOLUME 287968.127 3921615.709 92.86
LOCATION L0172649 VOLUME 288041.229 3921742.607 93.27
LOCATION L0172650 VOLUME 288041.229 3921942.607 91.99
LOCATION L0172651 VOLUME 287974.101 3922074.785 92.70
LOCATION L0172652 VOLUME 287774.111 3922072.728 92.51
LOCATION L0172653 VOLUME 287574.122 3922070.672 92.33
LOCATION L0172654 VOLUME 287374.132 3922068.615 92.26
LOCATION L0172655 VOLUME 287174.143 3922066.559 92.26
LOCATION L0172656 VOLUME 286974.154 3922064.502 92.26
LOCATION L0172657 VOLUME 286774.164 3922062.446 92.01
LOCATION L0172658 VOLUME 286574.175 3922060.389 91.53
LOCATION L0172659 VOLUME 286374.185 3922058.333 91.09
LOCATION L0172660 VOLUME 286174.196 3922056.277 90.80
LOCATION L0172661 VOLUME 285974.206 3922054.220 90.75
LOCATION L0172662 VOLUME 285774.217 3922052.164 90.63
LOCATION L0172663 VOLUME 285574.228 3922050.107 89.70
LOCATION L0172664 VOLUME 285374.238 3922048.051 89.31
LOCATION L0172665 VOLUME 285174.249 3922045.994 89.23
LOCATION L0172666 VOLUME 285063.285 3921958.711 89.29
LOCATION L0172667 VOLUME 285012.064 3921811.033 89.34
LOCATION L0172668 VOLUME 284812.549 3921797.113 89.22
LOCATION L0172669 VOLUME 284740.114 3921666.112 88.91
LOCATION L0172670 VOLUME 284742.553 3921466.127 89.04
LOCATION L0172671 VOLUME 284744.991 3921266.142 89.14
LOCATION L0172672 VOLUME 284843.693 3921162.580 89.35
LOCATION L0172673 VOLUME 285043.682 3921160.475 89.27
LOCATION L0172674 VOLUME 285243.671 3921158.370 89.35
LOCATION L0172675 VOLUME 285443.660 3921156.265 89.64
LOCATION L0172676 VOLUME 285643.649 3921154.160 89.36
LOCATION L0172677 VOLUME 285843.638 3921152.055 89.16
LOCATION L0172678 VOLUME 286043.627 3921149.950 90.82
LOCATION L0172679 VOLUME 286243.616 3921147.844 90.80
LOCATION L0172680 VOLUME 286443.605 3921145.739 90.24
LOCATION L0172681 VOLUME 286643.594 3921143.634 90.06
LOCATION L0172682 VOLUME 286843.582 3921141.529 90.38
LOCATION L0172683 VOLUME 286923.836 3921253.892 90.10
LOCATION L0172684 VOLUME 286877.641 3921416.175 92.15
LOCATION L0172685 VOLUME 286677.647 3921414.549 91.47

```
   LOCATION L0172686     VOLUME   286477.654 3921412.923 90.96
   LOCATION L0172687     VOLUME   286277.660 3921411.297 90.75
   LOCATION L0172688     VOLUME   286077.667 3921409.671 90.75
   LOCATION L0172689     VOLUME   285877.674 3921408.045 90.69
   LOCATION L0172690     VOLUME   285677.680 3921406.419 90.50
   LOCATION L0172691     VOLUME   285477.687 3921404.793 90.03
   LOCATION L0172692     VOLUME   285277.693 3921403.168 89.49
   LOCATION L0172693     VOLUME   285077.700 3921401.542 89.35
   LOCATION L0172694     VOLUME   285045.411 3921552.407 89.22
   LOCATION L0172695     VOLUME   285181.409 3921623.372 89.44
   LOCATION L0172696     VOLUME   285381.409 3921623.372 89.82
   LOCATION L0172697     VOLUME   285397.577 3921807.204 89.76
   LOCATION L0172698     VOLUME   285589.830 3921816.832 90.04
   LOCATION L0172699     VOLUME   285789.821 3921818.799 90.47
   LOCATION L0172700     VOLUME   285989.811 3921820.766 90.52
   LOCATION L0172701     VOLUME   286189.801 3921822.733 90.66
   LOCATION L0172702     VOLUME   286389.792 3921824.700 91.05
   LOCATION L0172703     VOLUME   286589.782 3921826.668 91.36
   LOCATION L0172704     VOLUME   286789.772 3921828.635 91.60
   LOCATION L0172705     VOLUME   286989.763 3921830.602 91.93
   LOCATION L0172706     VOLUME   287189.753 3921832.569 92.28
   LOCATION L0172707     VOLUME   287389.743 3921834.536 92.39
   LOCATION L0172708     VOLUME   287589.734 3921836.503 91.10
** END OF LINE VOLUME SOURCE ID = SLINE18
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE19
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.140056022
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 21
** 275644.547, 3923085.804, 87.67, 3.40, 93.02
** 275611.980, 3921913.359, 82.74, 3.40, 93.02
** 279148.857, 3921809.141, 92.28, 3.40, 93.02
** 279155.370, 3922160.875, 92.04, 3.40, 93.02
** 275983.254, 3922252.065, 85.22, 3.40, 93.02
** 275976.740, 3923072.777, 89.20, 3.40, 93.02
** 276523.882, 3923072.777, 91.15, 3.40, 93.02
** 276543.422, 3924173.573, 93.94, 3.40, 93.02
** 276875.615, 3924167.059, 91.91, 3.40, 93.02
** 276882.129, 3923958.624, 90.83, 3.40, 93.02
** 277442.297, 3923900.002, 92.28, 3.40, 93.02
** 277429.270, 3923079.290, 92.43, 3.40, 93.02
** 278386.767, 3923046.722, 92.27, 3.40, 93.02
** 278360.713, 3922427.932, 92.96, 3.40, 93.02
** 276302.420, 3922480.040, 88.61, 3.40, 93.02
```

```
** 276308.933, 3922818.747, 89.74, 3.40, 93.02
** 276830.020, 3922831.774, 90.59, 3.40, 93.02
** 276843.047, 3923665.513, 91.85, 3.40, 93.02
** 277162.213, 3923659.000, 92.47, 3.40, 93.02
** 277233.862, 3922851.315, 92.46, 3.40, 93.02
** 278119.710, 3922825.261, 93.48, 3.40, 93.02
** ------------------------------------------------------------------
   LOCATION L0172709     VOLUME   275641.771 3922985.843 87.30
   LOCATION L0172710     VOLUME   275636.217 3922785.920 86.73
   LOCATION L0172711     VOLUME   275630.664 3922585.997 85.48
   LOCATION L0172712     VOLUME   275625.111 3922386.074 84.47
   LOCATION L0172713     VOLUME   275619.557 3922186.151 83.13
   LOCATION L0172714     VOLUME   275614.004 3921986.228 82.76
   LOCATION L0172715     VOLUME   275739.027 3921909.615 83.01
   LOCATION L0172716     VOLUME   275938.940 3921903.724 84.13
   LOCATION L0172717     VOLUME   276138.853 3921897.834 84.92
   LOCATION L0172718     VOLUME   276338.766 3921891.943 86.03
   LOCATION L0172719     VOLUME   276538.680 3921886.052 88.06
   LOCATION L0172720     VOLUME   276738.593 3921880.162 89.05
   LOCATION L0172721     VOLUME   276938.506 3921874.271 88.97
   LOCATION L0172722     VOLUME   277138.419 3921868.381 89.68
   LOCATION L0172723     VOLUME   277338.333 3921862.490 90.15
   LOCATION L0172724     VOLUME   277538.246 3921856.599 90.41
   LOCATION L0172725     VOLUME   277738.159 3921850.709 91.20
   LOCATION L0172726     VOLUME   277938.072 3921844.818 92.16
   LOCATION L0172727     VOLUME   278137.985 3921838.927 92.13
   LOCATION L0172728     VOLUME   278337.899 3921833.037 92.24
   LOCATION L0172729     VOLUME   278537.812 3921827.146 92.24
   LOCATION L0172730     VOLUME   278737.725 3921821.256 92.21
   LOCATION L0172731     VOLUME   278937.638 3921815.365 92.29
   LOCATION L0172732     VOLUME   279137.552 3921809.474 92.28
   LOCATION L0172733     VOLUME   279152.350 3921997.799 91.91
   LOCATION L0172734     VOLUME   279118.489 3922161.935 92.19
   LOCATION L0172735     VOLUME   278918.572 3922167.682 92.24
   LOCATION L0172736     VOLUME   278718.654 3922173.429 92.16
   LOCATION L0172737     VOLUME   278518.737 3922179.176 92.47
   LOCATION L0172738     VOLUME   278318.820 3922184.923 92.52
   LOCATION L0172739     VOLUME   278118.902 3922190.671 92.59
   LOCATION L0172740     VOLUME   277918.985 3922196.418 92.51
   LOCATION L0172741     VOLUME   277719.067 3922202.165 92.38
   LOCATION L0172742     VOLUME   277519.150 3922207.912 92.32
   LOCATION L0172743     VOLUME   277319.233 3922213.659 91.74
   LOCATION L0172744     VOLUME   277119.315 3922219.406 90.74
   LOCATION L0172745     VOLUME   276919.398 3922225.153 90.17
   LOCATION L0172746     VOLUME   276719.480 3922230.900 89.62
   LOCATION L0172747     VOLUME   276519.563 3922236.647 87.98
   LOCATION L0172748     VOLUME   276319.646 3922242.395 87.84
   LOCATION L0172749     VOLUME   276119.728 3922248.142 85.93
   LOCATION L0172750     VOLUME   275982.750 3922315.532 85.50
   LOCATION L0172751     VOLUME   275981.163 3922515.526 86.93
```

LOCATION L0172752 VOLUME 275979.576 3922715.520 88.41
LOCATION L0172753 VOLUME 275977.988 3922915.513 88.85
LOCATION L0172754 VOLUME 276019.472 3923072.777 89.41
LOCATION L0172755 VOLUME 276219.472 3923072.777 90.75
LOCATION L0172756 VOLUME 276419.472 3923072.777 91.03
LOCATION L0172757 VOLUME 276525.578 3923168.352 91.31
LOCATION L0172758 VOLUME 276529.128 3923368.321 91.44
LOCATION L0172759 VOLUME 276532.678 3923568.289 91.12
LOCATION L0172760 VOLUME 276536.227 3923768.258 90.81
LOCATION L0172761 VOLUME 276539.777 3923968.226 90.78
LOCATION L0172762 VOLUME 276543.327 3924168.195 94.00
LOCATION L0172763 VOLUME 276738.006 3924169.757 91.83
LOCATION L0172764 VOLUME 276877.563 3924104.725 92.16
LOCATION L0172765 VOLUME 276935.664 3923953.022 90.81
LOCATION L0172766 VOLUME 277134.578 3923932.205 91.56
LOCATION L0172767 VOLUME 277333.492 3923911.389 92.14
LOCATION L0172768 VOLUME 277440.859 3923809.413 92.24
LOCATION L0172769 VOLUME 277437.685 3923609.438 93.65
LOCATION L0172770 VOLUME 277434.511 3923409.464 93.48
LOCATION L0172771 VOLUME 277431.337 3923209.489 93.65
LOCATION L0172772 VOLUME 277499.015 3923076.918 92.74
LOCATION L0172773 VOLUME 277698.899 3923070.119 92.52
LOCATION L0172774 VOLUME 277898.784 3923063.321 92.59
LOCATION L0172775 VOLUME 278098.668 3923056.522 92.59
LOCATION L0172776 VOLUME 278298.552 3923049.723 92.53
LOCATION L0172777 VOLUME 278382.067 3922935.087 93.13
LOCATION L0172778 VOLUME 278373.653 3922735.264 93.44
LOCATION L0172779 VOLUME 278365.239 3922535.441 93.15
LOCATION L0172780 VOLUME 278268.347 3922430.270 93.03
LOCATION L0172781 VOLUME 278068.411 3922435.332 93.14
LOCATION L0172782 VOLUME 277868.475 3922440.394 93.40
LOCATION L0172783 VOLUME 277668.539 3922445.455 93.26
LOCATION L0172784 VOLUME 277468.603 3922450.517 92.71
LOCATION L0172785 VOLUME 277268.667 3922455.579 92.34
LOCATION L0172786 VOLUME 277068.731 3922460.640 91.03
LOCATION L0172787 VOLUME 276868.795 3922465.702 89.91
LOCATION L0172788 VOLUME 276668.859 3922470.764 89.12
LOCATION L0172789 VOLUME 276468.923 3922475.825 89.19
LOCATION L0172790 VOLUME 276303.063 3922513.477 88.58
LOCATION L0172791 VOLUME 276306.908 3922713.440 89.02
LOCATION L0172792 VOLUME 276403.577 3922821.113 90.03
LOCATION L0172793 VOLUME 276603.515 3922826.111 90.47
LOCATION L0172794 VOLUME 276803.452 3922831.110 90.60
LOCATION L0172795 VOLUME 276832.729 3923005.177 91.27
LOCATION L0172796 VOLUME 276835.854 3923205.153 91.88
LOCATION L0172797 VOLUME 276838.979 3923405.128 92.17
LOCATION L0172798 VOLUME 276842.103 3923605.104 91.97
LOCATION L0172799 VOLUME 276982.601 3923662.665 92.26
LOCATION L0172800 VOLUME 277164.011 3923638.728 92.47
LOCATION L0172801 VOLUME 277181.684 3923439.510 92.26

```
   LOCATION L0172802     VOLUME   277199.356 3923240.293 93.65
   LOCATION L0172803     VOLUME   277217.029 3923041.075 92.48
   LOCATION L0172804     VOLUME   277243.353 3922851.036 92.48
   LOCATION L0172805     VOLUME   277443.267 3922845.156 93.00
   LOCATION L0172806     VOLUME   277643.180 3922839.276 93.79
   LOCATION L0172807     VOLUME   277843.094 3922833.396 93.52
   LOCATION L0172808     VOLUME   278043.007 3922827.517 93.36
** END OF LINE VOLUME SOURCE ID = SLINE19
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE20
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.023809524
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 8
** 278054.574, 3923834.866, 91.33, 3.40, 93.02
** 279227.020, 3923782.758, 86.12, 3.40, 93.02
** 279233.533, 3923365.888, 89.24, 3.40, 93.02
** 278979.503, 3923385.429, 89.57, 3.40, 93.02
** 278725.474, 3923593.864, 89.67, 3.40, 93.02
** 278106.683, 3923632.945, 91.79, 3.40, 93.02
** 278087.142, 3923391.943, 93.65, 3.40, 93.02
** 278445.389, 3923385.429, 92.02, 3.40, 93.02
** ----------------------------------------------------------------
   LOCATION L0172809     VOLUME   278154.476 3923830.426 91.18
   LOCATION L0172810     VOLUME   278354.278 3923821.546 89.44
   LOCATION L0172811     VOLUME   278554.081 3923812.666 89.12
   LOCATION L0172812     VOLUME   278753.884 3923803.786 87.33
   LOCATION L0172813     VOLUME   278953.687 3923794.906 87.50
   LOCATION L0172814     VOLUME   279153.489 3923786.026 86.26
   LOCATION L0172815     VOLUME   279228.994 3923656.376 87.29
   LOCATION L0172816     VOLUME   279232.119 3923456.400 88.70
   LOCATION L0172817     VOLUME   279124.379 3923374.285 89.35
   LOCATION L0172818     VOLUME   278937.219 3923420.124 89.76
   LOCATION L0172819     VOLUME   278782.604 3923546.987 90.11
   LOCATION L0172820     VOLUME   278599.625 3923601.812 89.64
   LOCATION L0172821     VOLUME   278400.023 3923614.418 90.94
   LOCATION L0172822     VOLUME   278200.421 3923627.025 91.12
   LOCATION L0172823     VOLUME   278098.110 3923527.217 92.27
   LOCATION L0172824     VOLUME   278151.413 3923390.774 93.07
   LOCATION L0172825     VOLUME   278351.380 3923387.138 92.18
** END OF LINE VOLUME SOURCE ID = SLINE20
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE21
** DESCRSRC
```

```
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.019607843
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 7
** 279474.536, 3921691.897, 91.96, 3.40, 93.02
** 279963.055, 3921691.897, 90.89, 3.40, 93.02
** 279943.514, 3920962.375, 90.82, 3.40, 93.02
** 279552.699, 3920962.375, 90.76, 3.40, 93.02
** 279572.240, 3921516.030, 91.66, 3.40, 93.02
** 279728.566, 3921522.543, 91.24, 3.40, 93.02
** 279761.134, 3921131.728, 90.73, 3.40, 93.02
** ----------------------------------------------------------------
   LOCATION L0172826     VOLUME   279574.536 3921691.897 92.21
   LOCATION L0172827     VOLUME   279774.536 3921691.897 91.25
   LOCATION L0172828     VOLUME   279962.747 3921680.420 90.88
   LOCATION L0172829     VOLUME   279957.392 3921480.491 90.75
   LOCATION L0172830     VOLUME   279952.037 3921280.563 90.73
   LOCATION L0172831     VOLUME   279946.682 3921080.635 90.75
   LOCATION L0172832     VOLUME   279861.816 3920962.375 90.79
   LOCATION L0172833     VOLUME   279661.816 3920962.375 90.75
   LOCATION L0172834     VOLUME   279555.905 3921053.201 90.76
   LOCATION L0172835     VOLUME   279562.959 3921253.077 91.05
   LOCATION L0172836     VOLUME   279570.013 3921452.952 91.39
   LOCATION L0172837     VOLUME   279709.004 3921521.728 91.37
   LOCATION L0172838     VOLUME   279743.549 3921342.745 90.77
   LOCATION L0172839     VOLUME   279760.158 3921143.436 90.73
** END OF LINE VOLUME SOURCE ID = SLINE21
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE22
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.016806723
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 6
** 276348.015, 3921105.674, 83.65, 3.40, 93.02
** 276888.642, 3920695.318, 84.05, 3.40, 93.02
** 277500.919, 3920669.264, 84.57, 3.40, 93.02
** 277520.460, 3920297.989, 84.67, 3.40, 93.02
** 276992.860, 3920311.016, 84.10, 3.40, 93.02
** 276966.805, 3920499.910, 84.04, 3.40, 93.02
** ----------------------------------------------------------------
   LOCATION L0172840     VOLUME   276427.668 3921045.214 83.67
   LOCATION L0172841     VOLUME   276586.974 3920924.295 83.68
```

```
   LOCATION L0172842     VOLUME   276746.281 3920803.376 83.94
   LOCATION L0172843     VOLUME   276909.896 3920694.414 84.14
   LOCATION L0172844     VOLUME   277109.715 3920685.911 84.58
   LOCATION L0172845     VOLUME   277309.535 3920677.408 84.54
   LOCATION L0172846     VOLUME   277501.363 3920660.833 84.57
   LOCATION L0172847     VOLUME   277511.875 3920461.110 84.64
   LOCATION L0172848     VOLUME   277483.818 3920298.894 84.61
   LOCATION L0172849     VOLUME   277283.879 3920303.831 84.62
   LOCATION L0172850     VOLUME   277083.940 3920308.768 84.30
   LOCATION L0172851     VOLUME   276977.981 3920418.888 84.04
** END OF LINE VOLUME SOURCE ID = SLINE22
   LOCATION VOL1         VOLUME     279153.750  3920561.960       89.770
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE24
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.050420168
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 15
** 271624.704, 3928108.719, 78.75, 3.40, 93.02
** 271614.184, 3927882.545, 78.71, 3.40, 93.02
** 271782.500, 3927835.206, 78.83, 3.40, 93.02
** 272019.194, 3926930.508, 78.92, 3.40, 93.02
** 272108.612, 3927219.801, 79.06, 3.40, 93.02
** 272808.175, 3927198.762, 79.70, 3.40, 93.02
** 272834.474, 3928071.900, 79.99, 3.40, 93.02
** 271908.737, 3928077.160, 78.99, 3.40, 93.02
** 272077.053, 3927409.157, 79.07, 3.40, 93.02
** 272660.899, 3927388.117, 79.13, 3.40, 93.02
** 272660.899, 3927908.844, 79.73, 3.40, 93.02
** 272155.951, 3927919.364, 79.16, 3.40, 93.02
** 272224.329, 3927587.992, 79.21, 3.40, 93.02
** 272461.024, 3927587.992, 79.41, 3.40, 93.02
** 272439.984, 3927772.088, 79.44, 3.40, 93.02
** ----------------------------------------------------------------------
   LOCATION L0172852     VOLUME   271620.058 3928008.827 78.73
   LOCATION L0172853     VOLUME   271685.017 3927862.623 78.75
   LOCATION L0172854     VOLUME   271807.491 3927739.686 78.84
   LOCATION L0172855     VOLUME   271858.113 3927546.199 78.89
   LOCATION L0172856     VOLUME   271908.734 3927352.711 78.93
   LOCATION L0172857     VOLUME   271959.356 3927159.224 78.93
   LOCATION L0172858     VOLUME   272009.978 3926965.736 78.92
   LOCATION L0172859     VOLUME   272067.503 3927086.800 79.02
   LOCATION L0172860     VOLUME   272169.375 3927217.974 79.11
   LOCATION L0172861     VOLUME   272369.284 3927211.962 79.06
   LOCATION L0172862     VOLUME   272569.194 3927205.949 78.66
```

```
   LOCATION L0172863     VOLUME   272769.104 3927199.937 79.57
   LOCATION L0172864     VOLUME   272813.019 3927359.600 79.83
   LOCATION L0172865     VOLUME   272819.041 3927559.509 79.61
   LOCATION L0172866     VOLUME   272825.062 3927759.419 79.79
   LOCATION L0172867     VOLUME   272831.084 3927959.328 79.97
   LOCATION L0172868     VOLUME   272747.099 3928072.397 79.87
   LOCATION L0172869     VOLUME   272547.102 3928073.533 79.60
   LOCATION L0172870     VOLUME   272347.105 3928074.669 79.42
   LOCATION L0172871     VOLUME   272147.109 3928075.806 79.20
   LOCATION L0172872     VOLUME   271947.112 3928076.942 79.02
   LOCATION L0172873     VOLUME   271948.227 3927920.434 78.99
   LOCATION L0172874     VOLUME   271997.094 3927726.496 79.04
   LOCATION L0172875     VOLUME   272045.960 3927532.557 79.05
   LOCATION L0172876     VOLUME   272149.748 3927406.537 79.14
   LOCATION L0172877     VOLUME   272349.618 3927399.334 79.33
   LOCATION L0172878     VOLUME   272549.489 3927392.132 79.18
   LOCATION L0172879     VOLUME   272660.899 3927476.635 79.37
   LOCATION L0172880     VOLUME   272660.899 3927676.635 79.60
   LOCATION L0172881     VOLUME   272660.899 3927876.635 79.72
   LOCATION L0172882     VOLUME   272493.144 3927912.339 79.51
   LOCATION L0172883     VOLUME   272293.188 3927916.505 79.31
   LOCATION L0172884     VOLUME   272168.629 3927857.925 79.17
   LOCATION L0172885     VOLUME   272209.047 3927662.051 79.22
   LOCATION L0172886     VOLUME   272348.710 3927587.992 79.35
   LOCATION L0172887     VOLUME   272451.067 3927675.112 79.42
** END OF LINE VOLUME SOURCE ID = SLINE24
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE25
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.005602241
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 2
** 277674.823, 3919958.615, 84.94, 3.40, 93.02
** 278385.725, 3919744.488, 85.20, 3.40, 93.02
** ----------------------------------------------------------------
   LOCATION L0172888     VOLUME   277770.573 3919929.774 85.12
   LOCATION L0172889     VOLUME   277962.075 3919872.093 85.48
   LOCATION L0172890     VOLUME   278153.577 3919814.412 85.43
   LOCATION L0172891     VOLUME   278345.078 3919756.731 85.18
** END OF LINE VOLUME SOURCE ID = SLINE25
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE26
** DESCRSRC
** PREFIX
```

```
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.009803922
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 5
** 279010.977, 3919787.313, 86.11, 3.40, 93.02
** 279447.797, 3919795.878, 87.79, 3.40, 93.02
** 279482.057, 3919538.926, 87.44, 3.40, 93.02
** 279045.237, 3919547.491, 86.18, 3.40, 93.02
** 279045.237, 3919333.363, 86.00, 3.40, 93.02
** ----------------------------------------------------------------
   LOCATION L0172892     VOLUME   279110.958 3919789.274 86.71
   LOCATION L0172893     VOLUME   279310.919 3919793.194 87.65
   LOCATION L0172894     VOLUME   279456.136 3919733.335 87.67
   LOCATION L0172895     VOLUME   279478.188 3919539.001 87.43
   LOCATION L0172896     VOLUME   279278.226 3919542.922 86.91
   LOCATION L0172897     VOLUME   279078.265 3919546.843 86.27
   LOCATION L0172898     VOLUME   279045.237 3919380.525 86.08
** END OF LINE VOLUME SOURCE ID = SLINE26
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE27
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 200.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.035014006
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 4
** 288508.267, 3922326.850, 93.76, 3.40, 93.02
** 285989.042, 3922377.235, 90.72, 3.40, 93.02
** 286009.196, 3922800.465, 90.48, 3.40, 93.02
** 288044.729, 3922740.003, 93.78, 3.40, 93.02
** ----------------------------------------------------------------
   LOCATION L0172899     VOLUME   288408.287 3922328.850 93.62
   LOCATION L0172900     VOLUME   288208.327 3922332.849 93.35
   LOCATION L0172901     VOLUME   288008.367 3922336.848 93.19
   LOCATION L0172902     VOLUME   287808.407 3922340.848 92.85
   LOCATION L0172903     VOLUME   287608.447 3922344.847 92.54
   LOCATION L0172904     VOLUME   287408.487 3922348.846 92.48
   LOCATION L0172905     VOLUME   287208.526 3922352.845 92.45
   LOCATION L0172906     VOLUME   287008.566 3922356.844 92.20
   LOCATION L0172907     VOLUME   286808.606 3922360.844 91.79
   LOCATION L0172908     VOLUME   286608.646 3922364.843 91.39
   LOCATION L0172909     VOLUME   286408.686 3922368.842 91.06
   LOCATION L0172910     VOLUME   286208.726 3922372.841 90.79
   LOCATION L0172911     VOLUME   286008.766 3922376.840 90.77
   LOCATION L0172912     VOLUME   285997.617 3922557.302 90.63
```

```
   LOCATION L0172913     VOLUME   286007.130 3922757.076 90.44
   LOCATION L0172914     VOLUME   286165.689 3922795.816 90.75
   LOCATION L0172915     VOLUME   286365.601 3922789.878 90.87
   LOCATION L0172916     VOLUME   286565.513 3922783.940 90.91
   LOCATION L0172917     VOLUME   286765.425 3922778.002 91.23
   LOCATION L0172918     VOLUME   286965.336 3922772.064 91.84
   LOCATION L0172919     VOLUME   287165.248 3922766.126 92.22
   LOCATION L0172920     VOLUME   287365.160 3922760.188 92.55
   LOCATION L0172921     VOLUME   287565.072 3922754.250 92.93
   LOCATION L0172922     VOLUME   287764.984 3922748.312 93.55
   LOCATION L0172923     VOLUME   287964.896 3922742.375 93.77
** END OF LINE VOLUME SOURCE ID = SLINE27
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
   SRCPARAM L0172211     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172212     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172213     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172214     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172215     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172216     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172217     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172218     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172219     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172220     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172221     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172222     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172223     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172224     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172225     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172226     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172227     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172228     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172229     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172230     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172231     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172232     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172233     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172234     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172235     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172236     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172237     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172238     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172239     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172240     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172241     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172242     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172243     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172244     0.0014005602     3.40     93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE4
```

```
SRCPARAM L0172245     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172246     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172247     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172248     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172249     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172250     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172251     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172252     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172253     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172254     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172255     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172256     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172257     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172258     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172259     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172260     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172261     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172262     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172263     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172264     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172265     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172266     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172267     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172268     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172269     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172270     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172271     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172272     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172273     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172274     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172275     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172276     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172277     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172278     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172279     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172280     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172281     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172282     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172283     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172284     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172285     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172286     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172287     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172288     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172289     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172290     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172291     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172292     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172293     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172294     0.0014005602      3.40      93.02      3.16
```

```
   SRCPARAM L0172295     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172296     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172297     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172298     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172299     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172300     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172301     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172302     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172303     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172304     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172305     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172306     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172307     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172308     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172309     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172310     0.0014005602      3.40      93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE5
   SRCPARAM L0172311     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172312     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172313     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172314     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172315     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172316     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172317     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172318     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172319     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172320     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172321     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172322     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172323     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172324     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172325     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172326     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172327     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172328     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172329     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172330     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172331     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172332     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172333     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172334     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172335     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172336     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172337     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172338     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172339     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172340     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172341     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172342     0.0014005602      3.40      93.02      3.16
```

```
   SRCPARAM L0172343     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172344     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172345     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172346     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172347     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172348     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172349     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172350     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172351     0.0014005602      3.40      93.02      3.16
** ----------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE6
   SRCPARAM L0172352     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172353     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172354     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172355     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172356     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172357     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172358     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172359     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172360     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172361     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172362     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172363     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172364     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172365     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172366     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172367     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172368     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172369     0.0014005602      3.40      93.02      3.16
** ----------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE9
   SRCPARAM L0172370     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172371     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172372     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172373     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172374     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172375     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172376     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172377     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172378     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172379     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172380     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172381     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172382     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172383     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172384     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172385     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172386     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172387     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172388     0.0014005602      3.40      93.02      3.16
```

```
   SRCPARAM L0172389     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172390     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172391     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172392     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172393     0.0014005602      3.40      93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE12
   SRCPARAM L0172394     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172395     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172396     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172397     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172398     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172399     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172400     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172401     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172402     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172403     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172404     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172405     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172406     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172407     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172408     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172409     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172410     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172411     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172412     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172413     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172414     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172415     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172416     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172417     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172418     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172419     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172420     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172421     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172422     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172423     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172424     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172425     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172426     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172427     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172428     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172429     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172430     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172431     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172432     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172433     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172434     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172435     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172436     0.0014005602      3.40      93.02      3.16
```

```
   SRCPARAM L0172437     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172438     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172439     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172440     0.0014005602      3.40      93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE13
   SRCPARAM L0172441     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172442     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172443     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172444     0.0014005603      3.40      93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE14
   SRCPARAM L0172445     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172446     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172447     0.0014005603      3.40      93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE15
   SRCPARAM L0172448     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172449     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172450     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172451     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172452     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172453     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172454     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172455     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172456     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172457     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172458     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172459     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172460     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172461     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172462     0.0014005602      3.40      93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE16
   SRCPARAM L0172463     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172464     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172465     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172466     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172467     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172468     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172469     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172470     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172471     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172472     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172473     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172474     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172475     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172476     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172477     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172478     0.0014005602      3.40      93.02      3.16
```

```
SRCPARAM L0172479     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172480     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172481     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172482     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172483     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172484     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172485     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172486     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172487     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172488     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172489     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172490     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172491     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172492     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172493     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172494     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172495     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172496     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172497     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172498     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172499     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172500     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172501     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172502     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172503     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172504     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172505     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172506     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172507     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172508     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172509     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172510     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172511     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172512     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172513     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172514     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172515     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172516     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172517     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172518     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172519     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172520     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172521     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172522     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172523     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172524     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172525     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172526     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172527     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172528     0.0014005602      3.40      93.02      3.16
```

```
SRCPARAM L0172529     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172530     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172531     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172532     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172533     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172534     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172535     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172536     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172537     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172538     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172539     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172540     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172541     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172542     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172543     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172544     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172545     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172546     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172547     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172548     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172549     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172550     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172551     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172552     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172553     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172554     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172555     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172556     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172557     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172558     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172559     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172560     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172561     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172562     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172563     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172564     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172565     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172566     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172567     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172568     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172569     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172570     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172571     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172572     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172573     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172574     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172575     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172576     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172577     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172578     0.0014005602      3.40      93.02      3.16
```

```
   SRCPARAM L0172579     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172580     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172581     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172582     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172583     0.0014005602     3.40     93.02      3.16
   SRCPARAM L0172584     0.0014005602     3.40     93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE17
   SRCPARAM L0172585     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172586     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172587     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172588     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172589     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172590     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172591     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172592     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172593     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172594     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172595     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172596     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172597     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172598     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172599     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172600     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172601     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172602     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172603     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172604     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172605     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172606     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172607     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172608     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172609     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172610     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172611     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172612     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172613     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172614     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172615     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172616     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172617     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172618     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172619     0.0014005602     0.00     93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE18
   SRCPARAM L0172620     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172621     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172622     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172623     0.0014005602     0.00     93.02      3.16
   SRCPARAM L0172624     0.0014005602     0.00     93.02      3.16
```

```
SRCPARAM L0172625     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172626     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172627     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172628     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172629     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172630     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172631     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172632     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172633     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172634     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172635     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172636     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172637     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172638     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172639     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172640     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172641     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172642     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172643     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172644     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172645     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172646     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172647     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172648     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172649     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172650     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172651     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172652     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172653     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172654     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172655     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172656     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172657     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172658     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172659     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172660     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172661     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172662     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172663     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172664     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172665     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172666     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172667     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172668     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172669     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172670     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172671     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172672     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172673     0.0014005602      0.00      93.02      3.16
SRCPARAM L0172674     0.0014005602      0.00      93.02      3.16
```

```
   SRCPARAM L0172675     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172676     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172677     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172678     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172679     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172680     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172681     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172682     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172683     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172684     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172685     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172686     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172687     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172688     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172689     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172690     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172691     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172692     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172693     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172694     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172695     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172696     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172697     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172698     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172699     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172700     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172701     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172702     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172703     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172704     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172705     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172706     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172707     0.0014005602      0.00      93.02      3.16
   SRCPARAM L0172708     0.0014005602      0.00      93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE19
   SRCPARAM L0172709     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172710     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172711     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172712     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172713     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172714     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172715     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172716     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172717     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172718     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172719     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172720     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172721     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172722     0.0014005602      3.40      93.02      3.16
```

```
SRCPARAM L0172723     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172724     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172725     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172726     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172727     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172728     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172729     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172730     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172731     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172732     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172733     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172734     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172735     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172736     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172737     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172738     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172739     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172740     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172741     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172742     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172743     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172744     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172745     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172746     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172747     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172748     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172749     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172750     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172751     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172752     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172753     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172754     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172755     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172756     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172757     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172758     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172759     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172760     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172761     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172762     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172763     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172764     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172765     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172766     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172767     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172768     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172769     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172770     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172771     0.0014005602      3.40      93.02      3.16
SRCPARAM L0172772     0.0014005602      3.40      93.02      3.16
```

```
   SRCPARAM L0172773     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172774     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172775     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172776     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172777     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172778     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172779     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172780     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172781     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172782     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172783     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172784     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172785     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172786     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172787     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172788     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172789     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172790     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172791     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172792     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172793     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172794     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172795     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172796     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172797     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172798     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172799     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172800     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172801     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172802     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172803     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172804     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172805     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172806     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172807     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172808     0.0014005602      3.40      93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE20
   SRCPARAM L0172809     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172810     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172811     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172812     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172813     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172814     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172815     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172816     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172817     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172818     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172819     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172820     0.0014005602      3.40      93.02      3.16
```

```
   SRCPARAM L0172821     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172822     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172823     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172824     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172825     0.0014005602      3.40      93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE21
   SRCPARAM L0172826     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172827     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172828     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172829     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172830     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172831     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172832     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172833     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172834     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172835     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172836     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172837     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172838     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172839     0.0014005602      3.40      93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE22
   SRCPARAM L0172840     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172841     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172842     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172843     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172844     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172845     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172846     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172847     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172848     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172849     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172850     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172851     0.0014005603      3.40      93.02      3.16
** ------------------------------------------------------------------
   SRCPARAM VOL1         0.00140056     3.400    46.512     3.163
** LINE VOLUME SOURCE ID = SLINE24
   SRCPARAM L0172852     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172853     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172854     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172855     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172856     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172857     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172858     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172859     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172860     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172861     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172862     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172863     0.0014005602      3.40      93.02      3.16
```

```
   SRCPARAM L0172864     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172865     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172866     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172867     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172868     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172869     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172870     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172871     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172872     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172873     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172874     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172875     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172876     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172877     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172878     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172879     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172880     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172881     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172882     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172883     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172884     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172885     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172886     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172887     0.0014005602      3.40      93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE25
   SRCPARAM L0172888     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172889     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172890     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172891     0.0014005603      3.40      93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE26
   SRCPARAM L0172892     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172893     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172894     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172895     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172896     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172897     0.0014005603      3.40      93.02      3.16
   SRCPARAM L0172898     0.0014005603      3.40      93.02      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE27
   SRCPARAM L0172899     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172900     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172901     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172902     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172903     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172904     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172905     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172906     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172907     0.0014005602      3.40      93.02      3.16
```

```
   SRCPARAM L0172908     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172909     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172910     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172911     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172912     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172913     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172914     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172915     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172916     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172917     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172918     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172919     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172920     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172921     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172922     0.0014005602      3.40      93.02      3.16
   SRCPARAM L0172923     0.0014005602      3.40      93.02      3.16
** ----------------------------------------------------------------------
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED AAQA.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE "..\PM SOLAR 8.15.24 TO RUN\WASCO_2007-2011.SFC"
   PROFFILE "..\PM SOLAR 8.15.24 TO RUN\WASCO_2007-2011.PFL"
   SURFDATA 99010 2007
   UAIRDATA 66666 2007
   PROFBASE 77.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
```

```
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST AAQA.AD\01H1GALL.PLT 31
   PLOTFILE   PERIOD ALL AAQA.AD\PE00GALL.PLT 32
   SUMMFILE AAQA.SUM
OU FINISHED


  ***  Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of         0    Fatal Error Message(s)
 A Total of         1    Warning Message(s)
 A Total of         0    Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
              ***   NONE  ***


    ********   WARNING MESSAGES   ********
 ME W187    1990       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        14:33:56

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          ***      MODEL SETUP OPTIONS SUMMARY
***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
```

```
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses RURAL Dispersion Only.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    714 Source(s);     1   Source Group(s); and    2011
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    714 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m   for Missing Hours
                                                                 b   for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    77.00 ;  Decay
Coef. =    0.000    ;    Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                           ;
Emission Rate Unit Factor =   0.10000E+07
```

                                                  *** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER EMISSION RATE PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY | AIRCRAFT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| L0172211 | 0 | 0.14006E-02 | 271020.9 | 3934288.9 | 84.2 | 3.40 | 93.02 | 3.16 | NO | NO | |
| L0172212 | 0 | 0.14006E-02 | 271010.6 | 3934089.2 | 85.8 | 3.40 | 93.02 | 3.16 | NO | NO | |
| L0172213 | 0 | 0.14006E-02 | 271000.3 | 3933889.5 | 86.9 | 3.40 | 93.02 | 3.16 | NO | NO | |
| L0172214 | 0 | 0.14006E-02 | 270990.0 | 3933689.7 | 88.1 | 3.40 | 93.02 | 3.16 | NO | NO | |
| L0172215 | 0 | 0.14006E-02 | 270979.7 | 3933490.0 | 89.2 | 3.40 | 93.02 | 3.16 | NO | NO | |
| L0172216 | 0 | 0.14006E-02 | 271043.0 | 3933357.4 | 89.4 | 3.40 | 93.02 | 3.16 | NO | NO | |
| L0172217 | 0 | 0.14006E-02 | 271242.8 | 3933349.3 | 88.5 | 3.40 | 93.02 | 3.16 | NO | NO | |
| L0172218 | 0 | 0.14006E-02 | 271442.6 | 3933341.2 | 87.6 | 3.40 | 93.02 | 3.16 | NO | NO | |

```
 L0172219          0   0.14006E-02  271642.5 3933333.1    87.1     3.40    93.02
3.16    NO                    NO
 L0172 220          0   0.14006E-02  271842.3 3933325.0    86.7     3.40    93.02
3.16    NO                    NO
 L0172 221          0   0.14006E-02  272042.1 3933316.9    85.8     3.40    93.02
3.16    NO                    NO
 L0172 222          0   0.14006E-02  272242.0 3933308.9    84.4     3.40    93.02
3.16    NO                    NO
 L0172 223          0   0.14006E-02  272441.8 3933300.8    83.4     3.40    93.02
3.16    NO                    NO
 L0172 224          0   0.14006E-02  272641.7 3933292.7    81.8     3.40    93.02
3.16    NO                    NO
 L0172 225          0   0.14006E-02  272780.1 3933306.1    80.5     3.40    93.02
3.16    NO                    NO
 L0172 226          0   0.14006E-02  272618.9 3933424.6    81.1     3.40    93.02
3.16    NO                    NO
 L0172 227          0   0.14006E-02  272457.8 3933543.1    81.2     3.40    93.02
3.16    NO                    NO
 L0172 228          0   0.14006E-02  272367.3 3933719.7    80.6     3.40    93.02
3.16    NO                    NO
 L0172 229          0   0.14006E-02  272281.9 3933900.6    79.7     3.40    93.02
3.16    NO                    NO
 L0172 230          0   0.14006E-02  272122.8 3934012.3    79.8     3.40    93.02
3.16    NO                    NO
 L0172 231          0   0.14006E-02  271947.8 3934109.1    80.2     3.40    93.02
3.16    NO                    NO
 L0172 232          0   0.14006E-02  271766.8 3934193.1    81.3     3.40    93.02
3.16    NO                    NO
 L0172 233          0   0.14006E-02  271580.3 3934265.4    81.5     3.40    93.02
3.16    NO                    NO
 L0172 234          0   0.14006E-02  271393.8 3934337.7    82.2     3.40    93.02
3.16    NO                    NO
 L0172 235          0   0.14006E-02  271342.0 3934210.3    83.6     3.40    93.02
3.16    NO                    NO
 L0172 236          0   0.14006E-02  271339.0 3934010.4    85.0     3.40    93.02
3.16    NO                    NO
 L0172 237          0   0.14006E-02  271336.1 3933810.4    86.4     3.40    93.02
3.16    NO                    NO
 L0172 238          0   0.14006E-02  271359.0 3933634.9    87.1     3.40    93.02
3.16    NO                    NO
 L0172 239          0   0.14006E-02  271558.8 3933626.5    86.6     3.40    93.02
3.16    NO                    NO
 L0172 240          0   0.14006E-02  271758.7 3933618.2    85.9     3.40    93.02
3.16    NO                    NO
 L0172 241          0   0.14006E-02  271958.5 3933609.9    84.1     3.40    93.02
3.16    NO                    NO
 L0172 242          0   0.14006E-02  272047.8 3933640.7    83.1     3.40    93.02
3.16    NO                    NO
 L0172 243          0   0.14006E-02  271887.3 3933760.1    83.0     3.40    93.02
3.16    NO                    NO
```

```
 L0172244         0   0.14006E-02  271726.9 3933879.5    83.0     3.40    93.02
3.16    NO                    NO
 L0172245         0   0.14006E-02  273725.5 3936756.6    77.0     3.40    93.02
3.16    NO                    NO
 L0172246         0   0.14006E-02  273525.6 3936762.9    76.5     3.40    93.02
3.16    NO                    NO
 L0172247         0   0.14006E-02  273482.5 3936603.6    76.1     3.40    93.02
3.16    NO                    NO
 L0172248         0   0.14006E-02  273478.0 3936403.7    75.9     3.40    93.02
3.16    NO                    NO
 L0172249         0   0.14006E-02  273473.6 3936203.8    75.5     3.40    93.02
3.16    NO                    NO
 L0172250         0   0.14006E-02  273469.1 3936003.8    75.5     3.40    93.02
3.16    NO                    NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***       14:33:56

                                 PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - --- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0172251         0   0.14006E-02  273464.6 3935803.9    75.4     3.40    93.02
3.16    NO                    NO
 L0172252         0   0.14006E-02  273460.1 3935603.9    75.5     3.40    93.02
3.16    NO                    NO
 L0172253         0   0.14006E-02  273455.6 3935404.0    75.5     3.40    93.02
3.16    NO                    NO
 L0172254         0   0.14006E-02  273451.1 3935204.0    75.4     3.40    93.02
3.16    NO                    NO
 L0172255         0   0.14006E-02  273446.6 3935004.1    76.0     3.40    93.02
3.16    NO                    NO
 L0172256         0   0.14006E-02  273442.1 3934804.1    76.8     3.40    93.02
3.16    NO                    NO
 L0172257         0   0.14006E-02  273437.6 3934604.2    76.8     3.40    93.02
3.16    NO                    NO
 L0172258         0   0.14006E-02  273433.1 3934404.2    76.5     3.40    93.02
```

```
3.16    NO                    NO
 L0172 259          0   0.14006E-02  273428.6 3934204.3    75.5     3.40    93.02
3.16    NO                    NO
 L0172 260          0   0.14006E-02  273424.1 3934004.3    75.7     3.40    93.02
3.16    NO                    NO
 L0172 261          0   0.14006E-02  273490.8 3933824.0    76.3     3.40    93.02
3.16    NO                    NO
 L0172 262          0   0.14006E-02  273597.1 3933654.5    76.8     3.40    93.02
3.16    NO                    NO
 L0172 263          0   0.14006E-02  273703.3 3933485.1    77.3     3.40    93.02
3.16    NO                    NO
 L0172 264          0   0.14006E-02  273809.6 3933315.6    77.8     3.40    93.02
3.16    NO                    NO
 L0172 265          0   0.14006E-02  274004.8 3933301.4    77.1     3.40    93.02
3.16    NO                    NO
 L0172 266          0   0.14006E-02  274204.7 3933295.4    77.1     3.40    93.02
3.16    NO                    NO
 L0172 267          0   0.14006E-02  274404.6 3933289.3    77.5     3.40    93.02
3.16    NO                    NO
 L0172 268          0   0.14006E-02  274604.5 3933283.3    79.2     3.40    93.02
3.16    NO                    NO
 L0172 269          0   0.14006E-02  274804.4 3933277.2    78.3     3.40    93.02
3.16    NO                    NO
 L0172 270          0   0.14006E-02  275004.3 3933271.1    78.1     3.40    93.02
3.16    NO                    NO
 L0172 271          0   0.14006E-02  275204.2 3933265.1    77.9     3.40    93.02
3.16    NO                    NO
 L0172 272          0   0.14006E-02  275216.7 3933454.4    77.4     3.40    93.02
3.16    NO                    NO
 L0172 273          0   0.14006E-02  275218.9 3933654.4    77.1     3.40    93.02
3.16    NO                    NO
 L0172 274          0   0.14006E-02  275221.2 3933854.4    77.0     3.40    93.02
3.16    NO                    NO
 L0172 275          0   0.14006E-02  275223.4 3934054.4    77.0     3.40    93.02
3.16    NO                    NO
 L0172 276          0   0.14006E-02  275190.0 3934220.3    77.0     3.40    93.02
3.16    NO                    NO
 L0172 277          0   0.14006E-02  274990.1 3934226.7    77.0     3.40    93.02
3.16    NO                    NO
 L0172 278          0   0.14006E-02  274893.5 3934336.0    77.0     3.40    93.02
3.16    NO                    NO
 L0172 279          0   0.14006E-02  274888.0 3934535.9    77.0     3.40    93.02
3.16    NO                    NO
 L0172 280          0   0.14006E-02  274761.6 3934617.9    77.0     3.40    93.02
3.16    NO                    NO
 L0172 281          0   0.14006E-02  274561.9 3934628.1    77.0     3.40    93.02
3.16    NO                    NO
 L0172 282          0   0.14006E-02  274362.1 3934638.3    76.4     3.40    93.02
3.16    NO                    NO
 L0172 283          0   0.14006E-02  274162.4 3934648.6    76.3     3.40    93.02
```

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

```
 L0172298          0   0.14006E-02  273754.4 3934088.5    75.5     3.40    93.02
3.16    NO                    NO
 L0172 299          0   0.14006E-02  273723.2 3934276.6    76.1     3.40    93.02
3.16    NO                    NO
 L0172 300          0   0.14006E-02  273728.6 3934476.6    76.5     3.40    93.02
3.16    NO                    NO
 L0172 301          0   0.14006E-02  273734.0 3934676.5    76.6     3.40    93.02
3.16    NO                    NO
 L0172 302          0   0.14006E-02  273739.3 3934876.4    76.9     3.40    93.02
3.16    NO                    NO
 L0172 303          0   0.14006E-02  273744.7 3935076.3    76.3     3.40    93.02
3.16    NO                    NO
 L0172 304          0   0.14006E-02  273750.0 3935276.3    75.7     3.40    93.02
3.16    NO                    NO
 L0172 305          0   0.14006E-02  273755.4 3935476.2    75.6     3.40    93.02
3.16    NO                    NO
 L0172 306          0   0.14006E-02  273760.7 3935676.1    75.7     3.40    93.02
3.16    NO                    NO
 L0172 307          0   0.14006E-02  273766.1 3935876.1    75.6     3.40    93.02
3.16    NO                    NO
 L0172 308          0   0.14006E-02  273771.4 3936076.0    75.6     3.40    93.02
3.16    NO                    NO
 L0172 309          0   0.14006E-02  273776.8 3936275.9    76.0     3.40    93.02
3.16    NO                    NO
 L0172 310          0   0.14006E-02  273782.2 3936475.8    76.4     3.40    93.02
3.16    NO                    NO
 L0172 311          0   0.14006E-02  276035.6 3933527.4    77.6     3.40    93.02
3.16    NO                    NO
 L0172 312          0   0.14006E-02  275835.6 3933531.9    77.1     3.40    93.02
3.16    NO                    NO
 L0172 313          0   0.14006E-02  275739.0 3933430.8    77.3     3.40    93.02
3.16    NO                    NO
 L0172 314          0   0.14006E-02  275739.0 3933230.8    77.5     3.40    93.02
3.16    NO                    NO
 L0172 315          0   0.14006E-02  275739.0 3933030.8    77.7     3.40    93.02
3.16    NO                    NO
 L0172 316          0   0.14006E-02  275739.0 3932830.8    78.0     3.40    93.02
3.16    NO                    NO
 L0172 317          0   0.14006E-02  275739.0 3932630.8    78.2     3.40    93.02
3.16    NO                    NO
 L0172 318          0   0.14006E-02  275739.0 3932430.8    78.5     3.40    93.02
3.16    NO                    NO
 L0172 319          0   0.14006E-02  275739.0 3932230.8    78.5     3.40    93.02
3.16    NO                    NO
 L0172 320          0   0.14006E-02  275739.0 3932030.8    78.5     3.40    93.02
3.16    NO                    NO
 L0172 321          0   0.14006E-02  275739.0 3931830.8    78.5     3.40    93.02
3.16    NO                    NO
 L0172 322          0   0.14006E-02  275776.5 3931667.1    79.6     3.40    93.02
3.16    NO                    NO
```

```
 L0172323         0   0.14006E-02  275976.4 3931660.6    79.2     3.40    93.02
3.16    NO                    NO
 L0172324         0   0.14006E-02  276176.3 3931654.2    78.7     3.40    93.02
3.16    NO                    NO
 L0172325         0   0.14006E-02  276376.2 3931647.7    78.5     3.40    93.02
3.16    NO                    NO
 L0172326         0   0.14006E-02  276576.1 3931641.2    78.6     3.40    93.02
3.16    NO                    NO
 L0172327         0   0.14006E-02  276775.9 3931634.7    78.5     3.40    93.02
3.16    NO                    NO
 L0172328         0   0.14006E-02  276975.8 3931628.2    78.5     3.40    93.02
3.16    NO                    NO
 L0172329         0   0.14006E-02  277175.7 3931621.8    78.8     3.40    93.02
3.16    NO                    NO
 L0172330         0   0.14006E-02  277375.6 3931615.3    80.0     3.40    93.02
3.16    NO                    NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***       14:33:56

                                PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    ***  VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - --- - - -
```

```
3.16    NO                    NO
 L0172 338         0   0.14006E-02  276686.2 3931938.4    78.3     3.40    93.02
3.16    NO                    NO
 L0172 339         0   0.14006E-02  276690.5 3932138.3    78.2     3.40    93.02
3.16    NO                    NO
 L0172 340         0   0.14006E-02  276673.5 3932318.6    78.2     3.40    93.02
3.16    NO                    NO
 L0172 341         0   0.14006E-02  276473.8 3932330.7    78.1     3.40    93.02
3.16    NO                    NO
 L0172 342         0   0.14006E-02  276402.7 3932212.5    78.3     3.40    93.02
3.16    NO                    NO
 L0172 343         0   0.14006E-02  276412.0 3932012.7    78.5     3.40    93.02
3.16    NO                    NO
 L0172 344         0   0.14006E-02  276280.1 3931952.0    78.6     3.40    93.02
3.16    NO                    NO
 L0172 345         0   0.14006E-02  276125.9 3932003.2    78.7     3.40    93.02
3.16    NO                    NO
 L0172 346         0   0.14006E-02  276123.3 3932203.1    78.5     3.40    93.02
3.16    NO                    NO
 L0172 347         0   0.14006E-02  276120.6 3932403.1    78.2     3.40    93.02
3.16    NO                    NO
 L0172 348         0   0.14006E-02  276118.0 3932603.1    78.1     3.40    93.02
3.16    NO                    NO
 L0172 349         0   0.14006E-02  276115.3 3932803.1    78.0     3.40    93.02
3.16    NO                    NO
 L0172 350         0   0.14006E-02  276112.7 3933003.1    78.0     3.40    93.02
3.16    NO                    NO
 L0172 351         0   0.14006E-02  276110.0 3933203.1    77.9     3.40    93.02
3.16    NO                    NO
 L0172 352         0   0.14006E-02  278541.3 3934255.9    90.8     3.40    93.02
3.16    NO                    NO
 L0172 353         0   0.14006E-02  278341.3 3934257.4    90.6     3.40    93.02
3.16    NO                    NO
 L0172 354         0   0.14006E-02  278141.3 3934258.8    89.9     3.40    93.02
3.16    NO                    NO
 L0172 355         0   0.14006E-02  277941.3 3934260.3    89.0     3.40    93.02
3.16    NO                    NO
 L0172 356         0   0.14006E-02  277741.3 3934261.7    89.2     3.40    93.02
3.16    NO                    NO
 L0172 357         0   0.14006E-02  277541.3 3934263.2    88.3     3.40    93.02
3.16    NO                    NO
 L0172 358         0   0.14006E-02  277399.5 3934208.1    86.0     3.40    93.02
3.16    NO                    NO
 L0172 359         0   0.14006E-02  277406.9 3934008.3    85.7     3.40    93.02
3.16    NO                    NO
 L0172 360         0   0.14006E-02  277414.3 3933808.4    84.4     3.40    93.02
3.16    NO                    NO
 L0172 361         0   0.14006E-02  277421.7 3933608.5    82.3     3.40    93.02
3.16    NO                    NO
 L0172 362         0   0.14006E-02  277550.0 3933534.1    83.3     3.40    93.02
```

```
3.16   NO                    NO
 L0172363         0   0.14006E-02  277750.0 3933534.1    85.6     3.40    93.02
3.16   NO                    NO
 L0172364         0   0.14006E-02  277832.0 3933654.0    86.6     3.40    93.02
3.16   NO                    NO
 L0172365         0   0.14006E-02  277835.3 3933854.0    87.3     3.40    93.02
3.16   NO                    NO
 L0172366         0   0.14006E-02  277838.5 3934054.0    88.9     3.40    93.02
3.16   NO                    NO
 L0172367         0   0.14006E-02  277678.2 3934087.2    88.8     3.40    93.02
3.16   NO                    NO
 L0172368         0   0.14006E-02  277591.8 3933975.6    87.0     3.40    93.02
3.16   NO                    NO
 L0172369         0   0.14006E-02  277601.1 3933775.8    86.0     3.40    93.02
3.16   NO                    NO
 L0172370         0   0.14006E-02  274154.7 3927960.7    82.7     3.40    93.02
3.16   NO                    NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    ***  VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)           BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0172371         0   0.14006E-02  274354.6 3927956.2    83.2     3.40    93.02
3.16   NO                    NO
 L0172372         0   0.14006E-02  274554.6 3927951.8    83.2     3.40    93.02
3.16   NO                    NO
 L0172373         0   0.14006E-02  274754.5 3927947.3    83.3     3.40    93.02
3.16   NO                    NO
 L0172374         0   0.14006E-02  274954.5 3927942.8    83.2     3.40    93.02
3.16   NO                    NO
 L0172375         0   0.14006E-02  275154.4 3927938.4    83.1     3.40    93.02
3.16   NO                    NO
 L0172376         0   0.14006E-02  275223.9 3927803.0    83.1     3.40    93.02
3.16   NO                    NO
```

```
 L0172377          0   0.14006E-02  275229.0 3927603.0    83.1     3.40    93.02
3.16    NO                    NO
 L0172 378          0   0.14006E-02  275234.1 3927403.1    83.2     3.40    93.02
3.16    NO                    NO
 L0172 379          0   0.14006E-02  275239.3 3927203.2    83.6     3.40    93.02
3.16    NO                    NO
 L0172 380          0   0.14006E-02  275244.4 3927003.2    84.2     3.40    93.02
3.16    NO                    NO
 L0172 381          0   0.14006E-02  275157.0 3926997.4    84.5     3.40    93.02
3.16    NO                    NO
 L0172 382          0   0.14006E-02  275005.0 3927127.3    84.1     3.40    93.02
3.16    NO                    NO
 L0172 383          0   0.14006E-02  274852.9 3927257.2    84.2     3.40    93.02
3.16    NO                    NO
 L0172 384          0   0.14006E-02  274700.8 3927387.1    84.6     3.40    93.02
3.16    NO                    NO
 L0172 385          0   0.14006E-02  274548.8 3927517.0    84.4     3.40    93.02
3.16    NO                    NO
 L0172 386          0   0.14006E-02  274396.7 3927646.9    83.5     3.40    93.02
3.16    NO                    NO
 L0172 387          0   0.14006E-02  274287.4 3927760.2    83.2     3.40    93.02
3.16    NO                    NO
 L0172 388          0   0.14006E-02  274487.3 3927753.2    83.2     3.40    93.02
3.16    NO                    NO
 L0172 389          0   0.14006E-02  274687.2 3927746.2    83.1     3.40    93.02
3.16    NO                    NO
 L0172 390          0   0.14006E-02  274887.0 3927739.2    83.1     3.40    93.02
3.16    NO                    NO
 L0172 391          0   0.14006E-02  275014.4 3927654.1    83.1     3.40    93.02
3.16    NO                    NO
 L0172 392          0   0.14006E-02  275036.1 3927455.2    83.1     3.40    93.02
3.16    NO                    NO
 L0172 393          0   0.14006E-02  274943.8 3927444.0    83.1     3.40    93.02
3.16    NO                    NO
 L0172 394          0   0.14006E-02  272393.4 3926351.2    79.7     3.40    93.02
3.16    NO                    NO
 L0172 395          0   0.14006E-02  272438.3 3926157.3    79.8     3.40    93.02
3.16    NO                    NO
 L0172 396          0   0.14006E-02  272411.4 3925959.1    79.8     3.40    93.02
3.16    NO                    NO
 L0172 397          0   0.14006E-02  272446.6 3925777.1    79.9     3.40    93.02
3.16    NO                    NO
 L0172 398          0   0.14006E-02  272566.8 3925617.3    79.9     3.40    93.02
3.16    NO                    NO
 L0172 399          0   0.14006E-02  272687.1 3925457.4    80.0     3.40    93.02
3.16    NO                    NO
 L0172 400          0   0.14006E-02  272807.3 3925297.6    80.1     3.40    93.02
3.16    NO                    NO
 L0172 401          0   0.14006E-02  272956.9 3925193.2    80.1     3.40    93.02
3.16    NO                    NO
```

```
 L0172402         0   0.14006E-02  273156.6 3925183.4    80.1     3.40    93.02
3.16    NO                    NO
 L0172403         0   0.14006E-02  273356.4 3925173.6    80.4     3.40    93.02
3.16    NO                    NO
 L0172404         0   0.14006E-02  273556.2 3925163.8    80.7     3.40    93.02
3.16    NO                    NO
 L0172405         0   0.14006E-02  273755.9 3925154.0    81.1     3.40    93.02
3.16    NO                    NO
 L0172406         0   0.14006E-02  273769.8 3925322.2    81.1     3.40    93.02
3.16    NO                    NO
 L0172407         0   0.14006E-02  273751.5 3925521.4    81.1     3.40    93.02
3.16    NO                    NO
 L0172408         0   0.14006E-02  273640.9 3925676.6    80.8     3.40    93.02
3.16    NO                    NO
 L0172409         0   0.14006E-02  273514.0 3925823.2    80.4     3.40    93.02
3.16    NO                    NO
 L0172410         0   0.14006E-02  273512.3 3926023.2    80.3     3.40    93.02
3.16    NO                    NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)           BY
 - - --- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0172411         0   0.14006E-02  273510.6 3926223.2    80.3     3.40    93.02
3.16    NO                    NO
 L0172412         0   0.14006E-02  273508.8 3926423.2    80.2     3.40    93.02
3.16    NO                    NO
 L0172413         0   0.14006E-02  273327.9 3926443.5    80.0     3.40    93.02
3.16    NO                    NO
 L0172414         0   0.14006E-02  273127.9 3926444.8    80.0     3.40    93.02
3.16    NO                    NO
 L0172415         0   0.14006E-02  272927.9 3926446.0    80.0     3.40    93.02
3.16    NO                    NO
 L0172416         0   0.14006E-02  272727.9 3926447.2    79.9     3.40    93.02
```

```
3.16    NO                      NO
 L0172 417          0   0.14006E-02  272622.3 3926386.4    79.8     3.40    93.02
3.16    NO                      NO
 L0172 418          0   0.14006E-02  272702.8 3926203.4    79.9     3.40    93.02
3.16    NO                      NO
 L0172 419          0   0.14006E-02  272685.8 3926009.3    80.0     3.40    93.02
3.16    NO                      NO
 L0172 420          0   0.14006E-02  272680.9 3925820.0    80.0     3.40    93.02
3.16    NO                      NO
 L0172 421          0   0.14006E-02  272795.3 3925655.9    80.0     3.40    93.02
3.16    NO                      NO
 L0172 422          0   0.14006E-02  272909.6 3925491.8    80.0     3.40    93.02
3.16    NO                      NO
 L0172 423          0   0.14006E-02  273042.3 3925362.1    80.1     3.40    93.02
3.16    NO                      NO
 L0172 424          0   0.14006E-02  273242.3 3925358.3    80.2     3.40    93.02
3.16    NO                      NO
 L0172 425          0   0.14006E-02  273442.2 3925354.5    80.2     3.40    93.02
3.16    NO                      NO
 L0172 426          0   0.14006E-02  273544.4 3925401.6    80.5     3.40    93.02
3.16    NO                      NO
 L0172 427          0   0.14006E-02  273426.6 3925563.3    80.1     3.40    93.02
3.16    NO                      NO
 L0172 428          0   0.14006E-02  273308.9 3925724.9    80.1     3.40    93.02
3.16    NO                      NO
 L0172 429          0   0.14006E-02  273264.0 3925906.6    80.1     3.40    93.02
3.16    NO                      NO
 L0172 430          0   0.14006E-02  273282.7 3926105.7    80.1     3.40    93.02
3.16    NO                      NO
 L0172 431          0   0.14006E-02  273264.1 3926270.8    80.1     3.40    93.02
3.16    NO                      NO
 L0172 432          0   0.14006E-02  273064.1 3926270.8    80.0     3.40    93.02
3.16    NO                      NO
 L0172 433          0   0.14006E-02  272882.8 3926251.9    80.0     3.40    93.02
3.16    NO                      NO
 L0172 434          0   0.14006E-02  272879.9 3926051.9    80.0     3.40    93.02
3.16    NO                      NO
 L0172 435          0   0.14006E-02  272896.0 3925856.9    80.0     3.40    93.02
3.16    NO                      NO
 L0172 436          0   0.14006E-02  272996.1 3925683.7    80.1     3.40    93.02
3.16    NO                      NO
 L0172 437          0   0.14006E-02  273109.6 3925539.1    80.0     3.40    93.02
3.16    NO                      NO
 L0172 438          0   0.14006E-02  273174.2 3925640.1    80.1     3.40    93.02
3.16    NO                      NO
 L0172 439          0   0.14006E-02  273086.0 3925819.6    80.7     3.40    93.02
3.16    NO                      NO
 L0172 440          0   0.14006E-02  273057.6 3926012.3    80.1     3.40    93.02
3.16    NO                      NO
 L0172 441          0   0.14006E-02  274094.6 3924951.3    82.2     3.40    93.02
```

```
3.16    NO                      NO
 L0172442         0   0.14006E-02  274083.3 3924751.7    81.8     3.40    93.02
3.16    NO                      NO
 L0172443         0   0.14006E-02  274072.0 3924552.0    81.6     3.40    93.02
3.16    NO                      NO
 L0172444         0   0.14006E-02  274060.6 3924352.3    81.6     3.40    93.02
3.16    NO                      NO
 L0172445         0   0.14006E-02  274443.5 3924005.2    82.5     3.40    93.02
3.16    NO                      NO
 L0172446         0   0.14006E-02  274475.1 3923807.7    82.3     3.40    93.02
3.16    NO                      NO
 L0172447         0   0.14006E-02  274506.7 3923610.2    81.7     3.40    93.02
3.16    NO                      NO
 L0172448         0   0.14006E-02  285619.4 3929270.8    95.2     3.40    93.02
3.16    NO                      NO
 L0172449         0   0.14006E-02  285419.4 3929270.8    95.2     3.40    93.02
3.16    NO                      NO
 L0172450         0   0.14006E-02  285382.3 3929108.0    95.3     3.40    93.02
3.16    NO                      NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        14:33:56

                                  PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    ***  VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

 L0172451         0   0.14006E-02  285382.3 3928908.0    95.5     3.40    93.02
3.16    NO                      NO
 L0172452         0   0.14006E-02  285382.3 3928708.0    95.5     3.40    93.02
3.16    NO                      NO
 L0172453         0   0.14006E-02  285382.3 3928508.0    95.5     3.40    93.02
3.16    NO                      NO
 L0172454         0   0.14006E-02  285382.3 3928308.0    95.5     3.40    93.02
3.16    NO                      NO
 L0172455         0   0.14006E-02  285382.3 3928108.0    95.5     3.40    93.02
3.16    NO                      NO
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0172456 | 0 | 0.14006E-02 | 285542.0 | 3928064.8 | 95.7 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 457 | 0 | 0.14006E-02 | 285742.0 | 3928061.1 | 95.8 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 458 | 0 | 0.14006E-02 | 285789.5 | 3928205.9 | 95.8 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 459 | 0 | 0.14006E-02 | 285780.6 | 3928405.7 | 95.8 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 460 | 0 | 0.14006E-02 | 285771.6 | 3928605.5 | 95.7 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 461 | 0 | 0.14006E-02 | 285762.7 | 3928805.3 | 95.7 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 462 | 0 | 0.14006E-02 | 285753.7 | 3929005.1 | 95.6 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 463 | 0 | 0.14006E-02 | 287451.6 | 3927590.6 | 96.2 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 464 | 0 | 0.14006E-02 | 287651.5 | 3927586.6 | 96.8 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 465 | 0 | 0.14006E-02 | 287851.5 | 3927582.6 | 96.4 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 466 | 0 | 0.14006E-02 | 288051.4 | 3927578.5 | 96.9 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 467 | 0 | 0.14006E-02 | 288107.1 | 3927436.1 | 96.7 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 468 | 0 | 0.14006E-02 | 288102.8 | 3927236.2 | 96.8 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 469 | 0 | 0.14006E-02 | 287913.9 | 3927227.6 | 96.2 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 470 | 0 | 0.14006E-02 | 287713.9 | 3927230.5 | 95.8 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 471 | 0 | 0.14006E-02 | 287513.9 | 3927233.4 | 95.7 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 472 | 0 | 0.14006E-02 | 287314.0 | 3927236.3 | 95.7 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 473 | 0 | 0.14006E-02 | 287114.0 | 3927239.2 | 95.4 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 474 | 0 | 0.14006E-02 | 286914.0 | 3927242.1 | 95.3 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 475 | 0 | 0.14006E-02 | 286714.0 | 3927245.0 | 94.6 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 476 | 0 | 0.14006E-02 | 286516.3 | 3927250.1 | 95.6 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 477 | 0 | 0.14006E-02 | 286516.3 | 3927450.1 | 95.5 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 478 | 0 | 0.14006E-02 | 286451.2 | 3927583.4 | 95.8 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 479 | 0 | 0.14006E-02 | 286251.3 | 3927578.5 | 95.6 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |
| L0172 480 | 0 | 0.14006E-02 | 286193.8 | 3927728.0 | 95.9 | 3.40 | 93.02 | |
| 3.16 | NO | NO | | | | | | |

```
 L0172481         0   0.14006E-02  286116.8 3927827.4    95.9     3.40    93.02
3.16    NO                    NO
 L0172482         0   0.14006E-02  285929.2 3927758.3    96.4     3.40    93.02
3.16    NO                    NO
 L0172483         0   0.14006E-02  285750.0 3927683.2    95.7     3.40    93.02
3.16    NO                    NO
 L0172484         0   0.14006E-02  285748.3 3927483.2    95.4     3.40    93.02
3.16    NO                    NO
 L0172485         0   0.14006E-02  285746.6 3927283.2    95.3     3.40    93.02
3.16    NO                    NO
 L0172486         0   0.14006E-02  285744.9 3927083.2    95.3     3.40    93.02
3.16    NO                    NO
 L0172487         0   0.14006E-02  285743.2 3926883.2    95.4     3.40    93.02
3.16    NO                    NO
 L0172488         0   0.14006E-02  285637.6 3926791.3    95.0     3.40    93.02
3.16    NO                    NO
 L0172489         0   0.14006E-02  285437.7 3926797.5    95.1     3.40    93.02
3.16    NO                    NO
 L0172490         0   0.14006E-02  285237.8 3926803.7    94.3     3.40    93.02
3.16    NO                    NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

 L0172491         0   0.14006E-02  285037.9 3926809.8    93.8     3.40    93.02
3.16    NO                    NO
 L0172492         0   0.14006E-02  284838.0 3926816.0    93.8     3.40    93.02
3.16    NO                    NO
 L0172493         0   0.14006E-02  284638.1 3926822.2    93.6     3.40    93.02
3.16    NO                    NO
 L0172494         0   0.14006E-02  284438.1 3926828.4    93.5     3.40    93.02
3.16    NO                    NO
 L0172495         0   0.14006E-02  284238.2 3926834.5    92.3     3.40    93.02
```

```
3.16    NO                      NO
 L0172 496          0   0.14006E-02  284038.3 3926840.7    92.0     3.40    93.02
3.16    NO                      NO
 L0172 497          0   0.14006E-02  283838.4 3926846.9    91.3     3.40    93.02
3.16    NO                      NO
 L0172 498          0   0.14006E-02  283755.3 3926730.1    90.4     3.40    93.02
3.16    NO                      NO
 L0172 499          0   0.14006E-02  283751.3 3926530.2    88.8     3.40    93.02
3.16    NO                      NO
 L0172 500          0   0.14006E-02  283747.3 3926330.2    88.7     3.40    93.02
3.16    NO                      NO
 L0172 501          0   0.14006E-02  283743.2 3926130.2    89.0     3.40    93.02
3.16    NO                      NO
 L0172 502          0   0.14006E-02  283739.2 3925930.3    88.6     3.40    93.02
3.16    NO                      NO
 L0172 503          0   0.14006E-02  283735.2 3925730.3    87.9     3.40    93.02
3.16    NO                      NO
 L0172 504          0   0.14006E-02  283731.2 3925530.4    87.8     3.40    93.02
3.16    NO                      NO
 L0172 505          0   0.14006E-02  283727.1 3925330.4    87.3     3.40    93.02
3.16    NO                      NO
 L0172 506          0   0.14006E-02  283723.1 3925130.5    86.9     3.40    93.02
3.16    NO                      NO
 L0172 507          0   0.14006E-02  283737.9 3924948.5    86.6     3.40    93.02
3.16    NO                      NO
 L0172 508          0   0.14006E-02  283937.9 3924942.9    86.9     3.40    93.02
3.16    NO                      NO
 L0172 509          0   0.14006E-02  284137.8 3924937.3    87.2     3.40    93.02
3.16    NO                      NO
 L0172 510          0   0.14006E-02  284337.7 3924931.7    87.5     3.40    93.02
3.16    NO                      NO
 L0172 511          0   0.14006E-02  284537.6 3924926.1    87.8     3.40    93.02
3.16    NO                      NO
 L0172 512          0   0.14006E-02  284737.6 3924920.5    88.6     3.40    93.02
3.16    NO                      NO
 L0172 513          0   0.14006E-02  284817.7 3925040.7    88.8     3.40    93.02
3.16    NO                      NO
 L0172 514          0   0.14006E-02  284821.7 3925240.6    90.2     3.40    93.02
3.16    NO                      NO
 L0172 515          0   0.14006E-02  284825.8 3925440.6    89.9     3.40    93.02
3.16    NO                      NO
 L0172 516          0   0.14006E-02  284829.8 3925640.5    89.9     3.40    93.02
3.16    NO                      NO
 L0172 517          0   0.14006E-02  284994.0 3925670.6    90.4     3.40    93.02
3.16    NO                      NO
 L0172 518          0   0.14006E-02  285193.8 3925662.7    90.7     3.40    93.02
3.16    NO                      NO
 L0172 519          0   0.14006E-02  285393.6 3925654.9    92.4     3.40    93.02
3.16    NO                      NO
 L0172 520          0   0.14006E-02  285593.5 3925647.1    93.6     3.40    93.02
```

```
3.16    NO                      NO
 L0172521         0   0.14006E-02  285793.3 3925639.2    93.7     3.40    93.02
3.16    NO                      NO
 L0172522         0   0.14006E-02  285993.2 3925631.4    93.9     3.40    93.02
3.16    NO                      NO
 L0172523         0   0.14006E-02  286193.0 3925623.5    94.3     3.40    93.02
3.16    NO                      NO
 L0172524         0   0.14006E-02  286392.9 3925615.7    95.2     3.40    93.02
3.16    NO                      NO
 L0172525         0   0.14006E-02  286400.6 3925814.7    95.1     3.40    93.02
3.16    NO                      NO
 L0172526         0   0.14006E-02  286407.5 3926014.6    95.2     3.40    93.02
3.16    NO                      NO
 L0172527         0   0.14006E-02  286414.4 3926214.5    95.3     3.40    93.02
3.16    NO                      NO
 L0172528         0   0.14006E-02  286421.3 3926414.3    95.1     3.40    93.02
3.16    NO                      NO
 L0172529         0   0.14006E-02  286428.2 3926614.2    95.4     3.40    93.02
3.16    NO                      NO
 L0172530         0   0.14006E-02  286435.1 3926814.1    93.5     3.40    93.02
3.16    NO                      NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***       14:33:56

                                PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    ***  VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)           BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 L0172531         0   0.14006E-02  286397.6 3926998.6    95.5     3.40    93.02
3.16    NO                      NO
 L0172532         0   0.14006E-02  286268.2 3927151.1    95.7     3.40    93.02
3.16    NO                      NO
 L0172533         0   0.14006E-02  286138.8 3927303.6    95.7     3.40    93.02
3.16    NO                      NO
 L0172534         0   0.14006E-02  286010.6 3927453.0    95.9     3.40    93.02
3.16    NO                      NO
```

```
 L0172535          0   0.14006E-02  286007.3 3927253.0    95.5     3.40    93.02
3.16    NO                    NO
 L0172 536          0   0.14006E-02  286004.1 3927053.0    95.6     3.40    93.02
3.16    NO                    NO
 L0172 537          0   0.14006E-02  286000.8 3926853.0    95.4     3.40    93.02
3.16    NO                    NO
 L0172 538          0   0.14006E-02  285997.6 3926653.1    95.5     3.40    93.02
3.16    NO                    NO
 L0172 539          0   0.14006E-02  285936.2 3926513.8    93.8     3.40    93.02
3.16    NO                    NO
 L0172 540          0   0.14006E-02  285736.2 3926519.2    93.7     3.40    93.02
3.16    NO                    NO
 L0172 541          0   0.14006E-02  285536.3 3926524.7    93.7     3.40    93.02
3.16    NO                    NO
 L0172 542          0   0.14006E-02  285336.4 3926530.1    90.8     3.40    93.02
3.16    NO                    NO
 L0172 543          0   0.14006E-02  285136.5 3926535.5    93.8     3.40    93.02
3.16    NO                    NO
 L0172 544          0   0.14006E-02  284936.5 3926540.9    92.9     3.40    93.02
3.16    NO                    NO
 L0172 545          0   0.14006E-02  284736.6 3926546.4    92.5     3.40    93.02
3.16    NO                    NO
 L0172 546          0   0.14006E-02  284536.7 3926551.8    91.6     3.40    93.02
3.16    NO                    NO
 L0172 547          0   0.14006E-02  284336.8 3926557.2    92.2     3.40    93.02
3.16    NO                    NO
 L0172 548          0   0.14006E-02  284136.8 3926562.6    91.9     3.40    93.02
3.16    NO                    NO
 L0172 549          0   0.14006E-02  284016.0 3926484.5    90.9     3.40    93.02
3.16    NO                    NO
 L0172 550          0   0.14006E-02  284010.4 3926284.6    89.1     3.40    93.02
3.16    NO                    NO
 L0172 551          0   0.14006E-02  284004.8 3926084.6    88.4     3.40    93.02
3.16    NO                    NO
 L0172 552          0   0.14006E-02  283999.1 3925884.7    88.1     3.40    93.02
3.16    NO                    NO
 L0172 553          0   0.14006E-02  283993.5 3925684.8    88.0     3.40    93.02
3.16    NO                    NO
 L0172 554          0   0.14006E-02  283987.9 3925484.9    87.7     3.40    93.02
3.16    NO                    NO
 L0172 555          0   0.14006E-02  283982.3 3925285.0    87.7     3.40    93.02
3.16    NO                    NO
 L0172 556          0   0.14006E-02  284096.9 3925200.4    87.3     3.40    93.02
3.16    NO                    NO
 L0172 557          0   0.14006E-02  284296.8 3925197.8    87.5     3.40    93.02
3.16    NO                    NO
 L0172 558          0   0.14006E-02  284496.8 3925195.2    89.2     3.40    93.02
3.16    NO                    NO
 L0172 559          0   0.14006E-02  284571.3 3925321.0    88.9     3.40    93.02
3.16    NO                    NO
```

 L0172560         0   0.14006E-02  284573.5 3925521.0    89.3     3.40    93.02
3.16    NO                    NO
 L0172561         0   0.14006E-02  284575.6 3925721.0    90.4     3.40    93.02
3.16    NO                    NO
 L0172562         0   0.14006E-02  284584.1 3925914.4    90.3     3.40    93.02
3.16    NO                    NO
 L0172563         0   0.14006E-02  284784.1 3925911.5    90.7     3.40    93.02
3.16    NO                    NO
 L0172564         0   0.14006E-02  284984.1 3925908.6    90.7     3.40    93.02
3.16    NO                    NO
 L0172565         0   0.14006E-02  285184.1 3925905.6    92.0     3.40    93.02
3.16    NO                    NO
 L0172566         0   0.14006E-02  285384.0 3925902.7    92.8     3.40    93.02
3.16    NO                    NO
 L0172567         0   0.14006E-02  285584.0 3925899.8    93.7     3.40    93.02
3.16    NO                    NO
 L0172568         0   0.14006E-02  285784.0 3925896.9    94.2     3.40    93.02
3.16    NO                    NO
 L0172569         0   0.14006E-02  285984.0 3925893.9    94.5     3.40    93.02
3.16    NO                    NO
 L0172570         0   0.14006E-02  286147.7 3925927.0    94.8     3.40    93.02
3.16    NO                    NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)           BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0172571         0   0.14006E-02  286143.2 3926126.9    95.2     3.40    93.02
3.16    NO                    NO
 L0172572         0   0.14006E-02  286042.7 3926228.3    95.0     3.40    93.02
3.16    NO                    NO
 L0172573         0   0.14006E-02  285842.7 3926227.5    94.0     3.40    93.02
3.16    NO                    NO
 L0172574         0   0.14006E-02  285642.7 3926226.6    93.8     3.40    93.02

```
3.16    NO                    NO
 L0172 575         0   0.14006E-02  285442.7 3926225.8    93.6     3.40    93.02
3.16    NO                    NO
 L0172 576         0   0.14006E-02  285242.7 3926225.0    93.8     3.40    93.02
3.16    NO                    NO
 L0172 577         0   0.14006E-02  285042.7 3926224.1    92.5     3.40    93.02
3.16    NO                    NO
 L0172 578         0   0.14006E-02  284842.7 3926223.3    91.1     3.40    93.02
3.16    NO                    NO
 L0172 579         0   0.14006E-02  284642.7 3926222.5    91.1     3.40    93.02
3.16    NO                    NO
 L0172 580         0   0.14006E-02  284442.7 3926221.6    90.4     3.40    93.02
3.16    NO                    NO
 L0172 581         0   0.14006E-02  284293.6 3926169.6    89.2     3.40    93.02
3.16    NO                    NO
 L0172 582         0   0.14006E-02  284291.7 3925969.6    88.2     3.40    93.02
3.16    NO                    NO
 L0172 583         0   0.14006E-02  284289.8 3925769.6    89.2     3.40    93.02
3.16    NO                    NO
 L0172 584         0   0.14006E-02  284287.9 3925569.6    88.3     3.40    93.02
3.16    NO                    NO
 L0172 585         0   0.14006E-02  284678.5 3924542.5    88.2     0.00    93.02
3.16    NO                    NO
 L0172 586         0   0.14006E-02  284680.9 3924342.5    87.8     0.00    93.02
3.16    NO                    NO
 L0172 587         0   0.14006E-02  284683.4 3924142.5    87.9     0.00    93.02
3.16    NO                    NO
 L0172 588         0   0.14006E-02  284756.5 3924014.2    88.0     0.00    93.02
3.16    NO                    NO
 L0172 589         0   0.14006E-02  284956.5 3924014.2    88.7     0.00    93.02
3.16    NO                    NO
 L0172 590         0   0.14006E-02  285001.1 3924179.0    88.7     0.00    93.02
3.16    NO                    NO
 L0172 591         0   0.14006E-02  285110.9 3924277.3    88.9     0.00    93.02
3.16    NO                    NO
 L0172 592         0   0.14006E-02  285310.8 3924282.2    89.4     0.00    93.02
3.16    NO                    NO
 L0172 593         0   0.14006E-02  285510.7 3924287.1    89.8     0.00    93.02
3.16    NO                    NO
 L0172 594         0   0.14006E-02  285631.5 3924206.9    90.0     0.00    93.02
3.16    NO                    NO
 L0172 595         0   0.14006E-02  285641.1 3924007.1    89.9     0.00    93.02
3.16    NO                    NO
 L0172 596         0   0.14006E-02  285642.9 3923814.9    89.7     0.00    93.02
3.16    NO                    NO
 L0172 597         0   0.14006E-02  285442.9 3923814.9    89.6     0.00    93.02
3.16    NO                    NO
 L0172 598         0   0.14006E-02  285242.9 3923814.9    89.4     0.00    93.02
3.16    NO                    NO
 L0172 599         0   0.14006E-02  285042.9 3923814.9    89.1     0.00    93.02
```

```
3.16   NO                    NO
 L0172600         0   0.14006E-02  284914.8 3923743.0    88.6     0.00    93.02
3.16   NO                    NO
 L0172601         0   0.14006E-02  284914.8 3923543.0    88.2     0.00    93.02
3.16   NO                    NO
 L0172602         0   0.14006E-02  285103.3 3923533.8    88.8     0.00    93.02
3.16   NO                    NO
 L0172603         0   0.14006E-02  285303.2 3923536.3    89.2     0.00    93.02
3.16   NO                    NO
 L0172604         0   0.14006E-02  285503.2 3923538.8    89.3     0.00    93.02
3.16   NO                    NO
 L0172605         0   0.14006E-02  285703.2 3923541.3    89.6     0.00    93.02
3.16   NO                    NO
 L0172606         0   0.14006E-02  285903.2 3923543.8    90.6     0.00    93.02
3.16   NO                    NO
 L0172607         0   0.14006E-02  286103.2 3923546.3    90.7     0.00    93.02
3.16   NO                    NO
 L0172608         0   0.14006E-02  286133.2 3923376.8    90.8     0.00    93.02
3.16   NO                    NO
 L0172609         0   0.14006E-02  286054.4 3923254.6    90.8     0.00    93.02
3.16   NO                    NO
 L0172610         0   0.14006E-02  285854.4 3923252.1    90.2     0.00    93.02
3.16   NO                    NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***       14:33:56

                                PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - --- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0172611         0   0.14006E-02  285654.5 3923249.7    89.5     0.00    93.02
3.16   NO                    NO
 L0172612         0   0.14006E-02  285454.5 3923247.2    89.5     0.00    93.02
3.16   NO                    NO
 L0172613         0   0.14006E-02  285254.5 3923244.8    89.2     0.00    93.02
3.16   NO                    NO
```

```
 L0172614          0   0.14006E-02  285054.5 3923242.3    88.6     0.00    93.02
3.16    NO                    NO
 L0172 615          0   0.14006E-02  284883.5 3923210.6    88.2     0.00    93.02
3.16    NO                    NO
 L0172 616          0   0.14006E-02  284879.0 3923010.6    88.2     0.00    93.02
3.16    NO                    NO
 L0172 617          0   0.14006E-02  284874.5 3922810.7    88.3     0.00    93.02
3.16    NO                    NO
 L0172 618          0   0.14006E-02  284870.1 3922610.7    88.7     0.00    93.02
3.16    NO                    NO
 L0172 619          0   0.14006E-02  284865.6 3922410.8    88.9     0.00    93.02
3.16    NO                    NO
 L0172 620          0   0.14006E-02  284646.2 3922006.5    89.3     0.00    93.02
3.16    NO                    NO
 L0172 621          0   0.14006E-02  284469.5 3921982.4    89.1     0.00    93.02
3.16    NO                    NO
 L0172 622          0   0.14006E-02  284461.8 3921782.5    88.6     0.00    93.02
3.16    NO                    NO
 L0172 623          0   0.14006E-02  284454.1 3921582.7    88.3     0.00    93.02
3.16    NO                    NO
 L0172 624          0   0.14006E-02  284446.4 3921382.8    87.9     0.00    93.02
3.16    NO                    NO
 L0172 625          0   0.14006E-02  284438.7 3921183.0    87.9     0.00    93.02
3.16    NO                    NO
 L0172 626          0   0.14006E-02  284431.0 3920983.1    88.2     0.00    93.02
3.16    NO                    NO
 L0172 627          0   0.14006E-02  284511.4 3920868.1    88.2     0.00    93.02
3.16    NO                    NO
 L0172 628          0   0.14006E-02  284711.4 3920868.5    88.2     0.00    93.02
3.16    NO                    NO
 L0172 629          0   0.14006E-02  284911.4 3920868.8    89.2     0.00    93.02
3.16    NO                    NO
 L0172 630          0   0.14006E-02  285111.4 3920869.1    89.3     0.00    93.02
3.16    NO                    NO
 L0172 631          0   0.14006E-02  285311.4 3920869.4    89.3     0.00    93.02
3.16    NO                    NO
 L0172 632          0   0.14006E-02  285511.4 3920869.7    89.4     0.00    93.02
3.16    NO                    NO
 L0172 633          0   0.14006E-02  285711.4 3920870.1    89.8     0.00    93.02
3.16    NO                    NO
 L0172 634          0   0.14006E-02  285911.4 3920870.4    90.5     0.00    93.02
3.16    NO                    NO
 L0172 635          0   0.14006E-02  286111.4 3920870.7    90.6     0.00    93.02
3.16    NO                    NO
 L0172 636          0   0.14006E-02  286311.4 3920871.0    90.5     0.00    93.02
3.16    NO                    NO
 L0172 637          0   0.14006E-02  286511.4 3920871.3    90.6     0.00    93.02
3.16    NO                    NO
 L0172 638          0   0.14006E-02  286711.4 3920871.7    90.8     0.00    93.02
3.16    NO                    NO
```

```
 L0172639         0   0.14006E-02  286911.4 3920872.0    91.0     0.00    93.02
3.16    NO                    NO
 L0172640         0   0.14006E-02  287111.4 3920872.3    91.1     0.00    93.02
3.16    NO                    NO
 L0172641         0   0.14006E-02  287190.7 3920993.2    91.3     0.00    93.02
3.16    NO                    NO
 L0172642         0   0.14006E-02  287190.7 3921193.2    91.8     0.00    93.02
3.16    NO                    NO
 L0172643         0   0.14006E-02  287190.7 3921393.2    92.3     0.00    93.02
3.16    NO                    NO
 L0172644         0   0.14006E-02  287190.7 3921593.2    90.3     0.00    93.02
3.16    NO                    NO
 L0172645         0   0.14006E-02  287368.1 3921615.7    92.2     0.00    93.02
3.16    NO                    NO
 L0172646         0   0.14006E-02  287568.1 3921615.7    92.3     0.00    93.02
3.16    NO                    NO
 L0172647         0   0.14006E-02  287768.1 3921615.7    92.5     0.00    93.02
3.16    NO                    NO
 L0172648         0   0.14006E-02  287968.1 3921615.7    92.9     0.00    93.02
3.16    NO                    NO
 L0172649         0   0.14006E-02  288041.2 3921742.6    93.3     0.00    93.02
3.16    NO                    NO
 L0172650         0   0.14006E-02  288041.2 3921942.6    92.0     0.00    93.02
3.16    NO                    NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***       14:33:56

                                PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                  ***  VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 L0172651         0   0.14006E-02  287974.1 3922074.8    92.7     0.00    93.02
3.16    NO                    NO
 L0172652         0   0.14006E-02  287774.1 3922072.7    92.5     0.00    93.02
3.16    NO                    NO
 L0172653         0   0.14006E-02  287574.1 3922070.7    92.3     0.00    93.02
```

3.16 NO NO
L0172 654 0 0.14006E-02 287374.1 3922068.6 92.3 0.00 93.02
3.16 NO NO
L0172 655 0 0.14006E-02 287174.1 3922066.6 92.3 0.00 93.02
3.16 NO NO
L0172 656 0 0.14006E-02 286974.2 3922064.5 92.3 0.00 93.02
3.16 NO NO
L0172 657 0 0.14006E-02 286774.2 3922062.4 92.0 0.00 93.02
3.16 NO NO
L0172 658 0 0.14006E-02 286574.2 3922060.4 91.5 0.00 93.02
3.16 NO NO
L0172 659 0 0.14006E-02 286374.2 3922058.3 91.1 0.00 93.02
3.16 NO NO
L0172 660 0 0.14006E-02 286174.2 3922056.3 90.8 0.00 93.02
3.16 NO NO
L0172 661 0 0.14006E-02 285974.2 3922054.2 90.8 0.00 93.02
3.16 NO NO
L0172 662 0 0.14006E-02 285774.2 3922052.2 90.6 0.00 93.02
3.16 NO NO
L0172 663 0 0.14006E-02 285574.2 3922050.1 89.7 0.00 93.02
3.16 NO NO
L0172 664 0 0.14006E-02 285374.2 3922048.1 89.3 0.00 93.02
3.16 NO NO
L0172 665 0 0.14006E-02 285174.2 3922046.0 89.2 0.00 93.02
3.16 NO NO
L0172 666 0 0.14006E-02 285063.3 3921958.7 89.3 0.00 93.02
3.16 NO NO
L0172 667 0 0.14006E-02 285012.1 3921811.0 89.3 0.00 93.02
3.16 NO NO
L0172 668 0 0.14006E-02 284812.5 3921797.1 89.2 0.00 93.02
3.16 NO NO
L0172 669 0 0.14006E-02 284740.1 3921666.1 88.9 0.00 93.02
3.16 NO NO
L0172 670 0 0.14006E-02 284742.6 3921466.1 89.0 0.00 93.02
3.16 NO NO
L0172 671 0 0.14006E-02 284745.0 3921266.1 89.1 0.00 93.02
3.16 NO NO
L0172 672 0 0.14006E-02 284843.7 3921162.6 89.3 0.00 93.02
3.16 NO NO
L0172 673 0 0.14006E-02 285043.7 3921160.5 89.3 0.00 93.02
3.16 NO NO
L0172 674 0 0.14006E-02 285243.7 3921158.4 89.3 0.00 93.02
3.16 NO NO
L0172 675 0 0.14006E-02 285443.7 3921156.3 89.6 0.00 93.02
3.16 NO NO
L0172 676 0 0.14006E-02 285643.6 3921154.2 89.4 0.00 93.02
3.16 NO NO
L0172 677 0 0.14006E-02 285843.6 3921152.1 89.2 0.00 93.02
3.16 NO NO
L0172 678 0 0.14006E-02 286043.6 3921149.9 90.8 0.00 93.02

```
3.16    NO                      NO
 L0172679         0   0.14006E-02  286243.6 3921147.8    90.8     0.00    93.02
3.16    NO                      NO
 L0172680         0   0.14006E-02  286443.6 3921145.7    90.2     0.00    93.02
3.16    NO                      NO
 L0172681         0   0.14006E-02  286643.6 3921143.6    90.1     0.00    93.02
3.16    NO                      NO
 L0172682         0   0.14006E-02  286843.6 3921141.5    90.4     0.00    93.02
3.16    NO                      NO
 L0172683         0   0.14006E-02  286923.8 3921253.9    90.1     0.00    93.02
3.16    NO                      NO
 L0172684         0   0.14006E-02  286877.6 3921416.2    92.1     0.00    93.02
3.16    NO                      NO
 L0172685         0   0.14006E-02  286677.6 3921414.5    91.5     0.00    93.02
3.16    NO                      NO
 L0172686         0   0.14006E-02  286477.7 3921412.9    91.0     0.00    93.02
3.16    NO                      NO
 L0172687         0   0.14006E-02  286277.7 3921411.3    90.8     0.00    93.02
3.16    NO                      NO
 L0172688         0   0.14006E-02  286077.7 3921409.7    90.8     0.00    93.02
3.16    NO                      NO
 L0172689         0   0.14006E-02  285877.7 3921408.0    90.7     0.00    93.02
3.16    NO                      NO
 L0172690         0   0.14006E-02  285677.7 3921406.4    90.5     0.00    93.02
3.16    NO                      NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    ***  VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - --- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 L0172691         0   0.14006E-02  285477.7 3921404.8    90.0     0.00    93.02
3.16    NO                      NO
 L0172692         0   0.14006E-02  285277.7 3921403.2    89.5     0.00    93.02
3.16    NO                      NO
```

```
 L0172693          0   0.14006E-02  285077.7 3921401.5    89.3     0.00    93.02
3.16    NO                    NO
 L0172 694         0   0.14006E-02  285045.4 3921552.4    89.2     0.00    93.02
3.16    NO                    NO
 L0172 695         0   0.14006E-02  285181.4 3921623.4    89.4     0.00    93.02
3.16    NO                    NO
 L0172 696         0   0.14006E-02  285381.4 3921623.4    89.8     0.00    93.02
3.16    NO                    NO
 L0172 697         0   0.14006E-02  285397.6 3921807.2    89.8     0.00    93.02
3.16    NO                    NO
 L0172 698         0   0.14006E-02  285589.8 3921816.8    90.0     0.00    93.02
3.16    NO                    NO
 L0172 699         0   0.14006E-02  285789.8 3921818.8    90.5     0.00    93.02
3.16    NO                    NO
 L0172 700         0   0.14006E-02  285989.8 3921820.8    90.5     0.00    93.02
3.16    NO                    NO
 L0172 701         0   0.14006E-02  286189.8 3921822.7    90.7     0.00    93.02
3.16    NO                    NO
 L0172 702         0   0.14006E-02  286389.8 3921824.7    91.0     0.00    93.02
3.16    NO                    NO
 L0172 703         0   0.14006E-02  286589.8 3921826.7    91.4     0.00    93.02
3.16    NO                    NO
 L0172 704         0   0.14006E-02  286789.8 3921828.6    91.6     0.00    93.02
3.16    NO                    NO
 L0172 705         0   0.14006E-02  286989.8 3921830.6    91.9     0.00    93.02
3.16    NO                    NO
 L0172 706         0   0.14006E-02  287189.8 3921832.6    92.3     0.00    93.02
3.16    NO                    NO
 L0172 707         0   0.14006E-02  287389.7 3921834.5    92.4     0.00    93.02
3.16    NO                    NO
 L0172 708         0   0.14006E-02  287589.7 3921836.5    91.1     0.00    93.02
3.16    NO                    NO
 L0172 709         0   0.14006E-02  275641.8 3922985.8    87.3     3.40    93.02
3.16    NO                    NO
 L0172 710         0   0.14006E-02  275636.2 3922785.9    86.7     3.40    93.02
3.16    NO                    NO
 L0172 711         0   0.14006E-02  275630.7 3922586.0    85.5     3.40    93.02
3.16    NO                    NO
 L0172 712         0   0.14006E-02  275625.1 3922386.1    84.5     3.40    93.02
3.16    NO                    NO
 L0172 713         0   0.14006E-02  275619.6 3922186.2    83.1     3.40    93.02
3.16    NO                    NO
 L0172 714         0   0.14006E-02  275614.0 3921986.2    82.8     3.40    93.02
3.16    NO                    NO
 L0172 715         0   0.14006E-02  275739.0 3921909.6    83.0     3.40    93.02
3.16    NO                    NO
 L0172 716         0   0.14006E-02  275938.9 3921903.7    84.1     3.40    93.02
3.16    NO                    NO
 L0172 717         0   0.14006E-02  276138.9 3921897.8    84.9     3.40    93.02
3.16    NO                    NO
```

```
 L0172718         0   0.14006E-02  276338.8 3921891.9    86.0     3.40    93.02
3.16    NO                    NO
 L0172719         0   0.14006E-02  276538.7 3921886.1    88.1     3.40    93.02
3.16    NO                    NO
 L0172720         0   0.14006E-02  276738.6 3921880.2    89.0     3.40    93.02
3.16    NO                    NO
 L0172721         0   0.14006E-02  276938.5 3921874.3    89.0     3.40    93.02
3.16    NO                    NO
 L0172722         0   0.14006E-02  277138.4 3921868.4    89.7     3.40    93.02
3.16    NO                    NO
 L0172723         0   0.14006E-02  277338.3 3921862.5    90.1     3.40    93.02
3.16    NO                    NO
 L0172724         0   0.14006E-02  277538.2 3921856.6    90.4     3.40    93.02
3.16    NO                    NO
 L0172725         0   0.14006E-02  277738.2 3921850.7    91.2     3.40    93.02
3.16    NO                    NO
 L0172726         0   0.14006E-02  277938.1 3921844.8    92.2     3.40    93.02
3.16    NO                    NO
 L0172727         0   0.14006E-02  278138.0 3921838.9    92.1     3.40    93.02
3.16    NO                    NO
 L0172728         0   0.14006E-02  278337.9 3921833.0    92.2     3.40    93.02
3.16    NO                    NO
 L0172729         0   0.14006E-02  278537.8 3921827.1    92.2     3.40    93.02
3.16    NO                    NO
 L0172730         0   0.14006E-02  278737.7 3921821.3    92.2     3.40    93.02
3.16    NO                    NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                  ***  VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0172731         0   0.14006E-02  278937.6 3921815.4    92.3     3.40    93.02
3.16    NO                    NO
 L0172732         0   0.14006E-02  279137.6 3921809.5    92.3     3.40    93.02
```

```
3.16    NO                    NO
 L0172 733         0   0.14006E-02  279152.3 3921997.8    91.9     3.40    93.02
3.16    NO                    NO
 L0172 734         0   0.14006E-02  279118.5 3922161.9    92.2     3.40    93.02
3.16    NO                    NO
 L0172 735         0   0.14006E-02  278918.6 3922167.7    92.2     3.40    93.02
3.16    NO                    NO
 L0172 736         0   0.14006E-02  278718.7 3922173.4    92.2     3.40    93.02
3.16    NO                    NO
 L0172 737         0   0.14006E-02  278518.7 3922179.2    92.5     3.40    93.02
3.16    NO                    NO
 L0172 738         0   0.14006E-02  278318.8 3922184.9    92.5     3.40    93.02
3.16    NO                    NO
 L0172 739         0   0.14006E-02  278118.9 3922190.7    92.6     3.40    93.02
3.16    NO                    NO
 L0172 740         0   0.14006E-02  277919.0 3922196.4    92.5     3.40    93.02
3.16    NO                    NO
 L0172 741         0   0.14006E-02  277719.1 3922202.2    92.4     3.40    93.02
3.16    NO                    NO
 L0172 742         0   0.14006E-02  277519.1 3922207.9    92.3     3.40    93.02
3.16    NO                    NO
 L0172 743         0   0.14006E-02  277319.2 3922213.7    91.7     3.40    93.02
3.16    NO                    NO
 L0172 744         0   0.14006E-02  277119.3 3922219.4    90.7     3.40    93.02
3.16    NO                    NO
 L0172 745         0   0.14006E-02  276919.4 3922225.2    90.2     3.40    93.02
3.16    NO                    NO
 L0172 746         0   0.14006E-02  276719.5 3922230.9    89.6     3.40    93.02
3.16    NO                    NO
 L0172 747         0   0.14006E-02  276519.6 3922236.6    88.0     3.40    93.02
3.16    NO                    NO
 L0172 748         0   0.14006E-02  276319.6 3922242.4    87.8     3.40    93.02
3.16    NO                    NO
 L0172 749         0   0.14006E-02  276119.7 3922248.1    85.9     3.40    93.02
3.16    NO                    NO
 L0172 750         0   0.14006E-02  275982.8 3922315.5    85.5     3.40    93.02
3.16    NO                    NO
 L0172 751         0   0.14006E-02  275981.2 3922515.5    86.9     3.40    93.02
3.16    NO                    NO
 L0172 752         0   0.14006E-02  275979.6 3922715.5    88.4     3.40    93.02
3.16    NO                    NO
 L0172 753         0   0.14006E-02  275978.0 3922915.5    88.8     3.40    93.02
3.16    NO                    NO
 L0172 754         0   0.14006E-02  276019.5 3923072.8    89.4     3.40    93.02
3.16    NO                    NO
 L0172 755         0   0.14006E-02  276219.5 3923072.8    90.8     3.40    93.02
3.16    NO                    NO
 L0172 756         0   0.14006E-02  276419.5 3923072.8    91.0     3.40    93.02
3.16    NO                    NO
 L0172 757         0   0.14006E-02  276525.6 3923168.4    91.3     3.40    93.02
```

```
 L0172772          0   0.14006E-02  277499.0 3923076.9    92.7     3.40    93.02
3.16    NO                    NO
 L0172 773          0   0.14006E-02  277698.9 3923070.1    92.5     3.40    93.02
3.16    NO                    NO
 L0172 774          0   0.14006E-02  277898.8 3923063.3    92.6     3.40    93.02
3.16    NO                    NO
 L0172 775          0   0.14006E-02  278098.7 3923056.5    92.6     3.40    93.02
3.16    NO                    NO
 L0172 776          0   0.14006E-02  278298.6 3923049.7    92.5     3.40    93.02
3.16    NO                    NO
 L0172 777          0   0.14006E-02  278382.1 3922935.1    93.1     3.40    93.02
3.16    NO                    NO
 L0172 778          0   0.14006E-02  278373.7 3922735.3    93.4     3.40    93.02
3.16    NO                    NO
 L0172 779          0   0.14006E-02  278365.2 3922535.4    93.1     3.40    93.02
3.16    NO                    NO
 L0172 780          0   0.14006E-02  278268.3 3922430.3    93.0     3.40    93.02
3.16    NO                    NO
 L0172 781          0   0.14006E-02  278068.4 3922435.3    93.1     3.40    93.02
3.16    NO                    NO
 L0172 782          0   0.14006E-02  277868.5 3922440.4    93.4     3.40    93.02
3.16    NO                    NO
 L0172 783          0   0.14006E-02  277668.5 3922445.5    93.3     3.40    93.02
3.16    NO                    NO
 L0172 784          0   0.14006E-02  277468.6 3922450.5    92.7     3.40    93.02
3.16    NO                    NO
 L0172 785          0   0.14006E-02  277268.7 3922455.6    92.3     3.40    93.02
3.16    NO                    NO
 L0172 786          0   0.14006E-02  277068.7 3922460.6    91.0     3.40    93.02
3.16    NO                    NO
 L0172 787          0   0.14006E-02  276868.8 3922465.7    89.9     3.40    93.02
3.16    NO                    NO
 L0172 788          0   0.14006E-02  276668.9 3922470.8    89.1     3.40    93.02
3.16    NO                    NO
 L0172 789          0   0.14006E-02  276468.9 3922475.8    89.2     3.40    93.02
3.16    NO                    NO
 L0172 790          0   0.14006E-02  276303.1 3922513.5    88.6     3.40    93.02
3.16    NO                    NO
 L0172 791          0   0.14006E-02  276306.9 3922713.4    89.0     3.40    93.02
3.16    NO                    NO
 L0172 792          0   0.14006E-02  276403.6 3922821.1    90.0     3.40    93.02
3.16    NO                    NO
 L0172 793          0   0.14006E-02  276603.5 3922826.1    90.5     3.40    93.02
3.16    NO                    NO
 L0172 794          0   0.14006E-02  276803.5 3922831.1    90.6     3.40    93.02
3.16    NO                    NO
 L0172 795          0   0.14006E-02  276832.7 3923005.2    91.3     3.40    93.02
3.16    NO                    NO
 L0172 796          0   0.14006E-02  276835.9 3923205.2    91.9     3.40    93.02
3.16    NO                    NO
```

```
 L0172797         0   0.14006E-02  276839.0 3923405.1    92.2     3.40    93.02
3.16    NO                    NO
 L0172798         0   0.14006E-02  276842.1 3923605.1    92.0     3.40    93.02
3.16    NO                    NO
 L0172799         0   0.14006E-02  276982.6 3923662.7    92.3     3.40    93.02
3.16    NO                    NO
 L0172800         0   0.14006E-02  277164.0 3923638.7    92.5     3.40    93.02
3.16    NO                    NO
 L0172801         0   0.14006E-02  277181.7 3923439.5    92.3     3.40    93.02
3.16    NO                    NO
 L0172802         0   0.14006E-02  277199.4 3923240.3    93.6     3.40    93.02
3.16    NO                    NO
 L0172803         0   0.14006E-02  277217.0 3923041.1    92.5     3.40    93.02
3.16    NO                    NO
 L0172804         0   0.14006E-02  277243.4 3922851.0    92.5     3.40    93.02
3.16    NO                    NO
 L0172805         0   0.14006E-02  277443.3 3922845.2    93.0     3.40    93.02
3.16    NO                    NO
 L0172806         0   0.14006E-02  277643.2 3922839.3    93.8     3.40    93.02
3.16    NO                    NO
 L0172807         0   0.14006E-02  277843.1 3922833.4    93.5     3.40    93.02
3.16    NO                    NO
 L0172808         0   0.14006E-02  278043.0 3922827.5    93.4     3.40    93.02
3.16    NO                    NO
 L0172809         0   0.14006E-02  278154.5 3923830.4    91.2     3.40    93.02
3.16    NO                    NO
 L0172810         0   0.14006E-02  278354.3 3923821.5    89.4     3.40    93.02
3.16    NO                    NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***       14:33:56

                                PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                  ***  VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

 L0172811         0   0.14006E-02  278554.1 3923812.7    89.1     3.40    93.02
```

```
3.16    NO                    NO
 L0172 812          0   0.14006E-02  278753.9 3923803.8    87.3     3.40    93.02
3.16    NO                    NO
 L0172 813          0   0.14006E-02  278953.7 3923794.9    87.5     3.40    93.02
3.16    NO                    NO
 L0172 814          0   0.14006E-02  279153.5 3923786.0    86.3     3.40    93.02
3.16    NO                    NO
 L0172 815          0   0.14006E-02  279229.0 3923656.4    87.3     3.40    93.02
3.16    NO                    NO
 L0172 816          0   0.14006E-02  279232.1 3923456.4    88.7     3.40    93.02
3.16    NO                    NO
 L0172 817          0   0.14006E-02  279124.4 3923374.3    89.3     3.40    93.02
3.16    NO                    NO
 L0172 818          0   0.14006E-02  278937.2 3923420.1    89.8     3.40    93.02
3.16    NO                    NO
 L0172 819          0   0.14006E-02  278782.6 3923547.0    90.1     3.40    93.02
3.16    NO                    NO
 L0172 820          0   0.14006E-02  278599.6 3923601.8    89.6     3.40    93.02
3.16    NO                    NO
 L0172 821          0   0.14006E-02  278400.0 3923614.4    90.9     3.40    93.02
3.16    NO                    NO
 L0172 822          0   0.14006E-02  278200.4 3923627.0    91.1     3.40    93.02
3.16    NO                    NO
 L0172 823          0   0.14006E-02  278098.1 3923527.2    92.3     3.40    93.02
3.16    NO                    NO
 L0172 824          0   0.14006E-02  278151.4 3923390.8    93.1     3.40    93.02
3.16    NO                    NO
 L0172 825          0   0.14006E-02  278351.4 3923387.1    92.2     3.40    93.02
3.16    NO                    NO
 L0172 826          0   0.14006E-02  279574.5 3921691.9    92.2     3.40    93.02
3.16    NO                    NO
 L0172 827          0   0.14006E-02  279774.5 3921691.9    91.2     3.40    93.02
3.16    NO                    NO
 L0172 828          0   0.14006E-02  279962.7 3921680.4    90.9     3.40    93.02
3.16    NO                    NO
 L0172 829          0   0.14006E-02  279957.4 3921480.5    90.8     3.40    93.02
3.16    NO                    NO
 L0172 830          0   0.14006E-02  279952.0 3921280.6    90.7     3.40    93.02
3.16    NO                    NO
 L0172 831          0   0.14006E-02  279946.7 3921080.6    90.8     3.40    93.02
3.16    NO                    NO
 L0172 832          0   0.14006E-02  279861.8 3920962.4    90.8     3.40    93.02
3.16    NO                    NO
 L0172 833          0   0.14006E-02  279661.8 3920962.4    90.8     3.40    93.02
3.16    NO                    NO
 L0172 834          0   0.14006E-02  279555.9 3921053.2    90.8     3.40    93.02
3.16    NO                    NO
 L0172 835          0   0.14006E-02  279563.0 3921253.1    91.0     3.40    93.02
3.16    NO                    NO
 L0172 836          0   0.14006E-02  279570.0 3921453.0    91.4     3.40    93.02
```

                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

```
 L0172851         0   0.14006E-02  276978.0 3920418.9    84.0     3.40    93.02
3.16    NO                   NO
 VOL1             0   0.14006E-02  279153.8 3920562.0    89.8     3.40    46.51
3.16    NO                   NO
 L0172852         0   0.14006E-02  271620.1 3928008.8    78.7     3.40    93.02
3.16    NO                   NO
 L0172853         0   0.14006E-02  271685.0 3927862.6    78.8     3.40    93.02
3.16    NO                   NO
 L0172854         0   0.14006E-02  271807.5 3927739.7    78.8     3.40    93.02
3.16    NO                   NO
 L0172855         0   0.14006E-02  271858.1 3927546.2    78.9     3.40    93.02
3.16    NO                   NO
 L0172856         0   0.14006E-02  271908.7 3927352.7    78.9     3.40    93.02
3.16    NO                   NO
 L0172857         0   0.14006E-02  271959.4 3927159.2    78.9     3.40    93.02
3.16    NO                   NO
 L0172858         0   0.14006E-02  272010.0 3926965.7    78.9     3.40    93.02
3.16    NO                   NO
 L0172859         0   0.14006E-02  272067.5 3927086.8    79.0     3.40    93.02
3.16    NO                   NO
 L0172860         0   0.14006E-02  272169.4 3927218.0    79.1     3.40    93.02
3.16    NO                   NO
 L0172861         0   0.14006E-02  272369.3 3927212.0    79.1     3.40    93.02
3.16    NO                   NO
 L0172862         0   0.14006E-02  272569.2 3927205.9    78.7     3.40    93.02
3.16    NO                   NO
 L0172863         0   0.14006E-02  272769.1 3927199.9    79.6     3.40    93.02
3.16    NO                   NO
 L0172864         0   0.14006E-02  272813.0 3927359.6    79.8     3.40    93.02
3.16    NO                   NO
 L0172865         0   0.14006E-02  272819.0 3927559.5    79.6     3.40    93.02
3.16    NO                   NO
 L0172866         0   0.14006E-02  272825.1 3927759.4    79.8     3.40    93.02
3.16    NO                   NO
 L0172867         0   0.14006E-02  272831.1 3927959.3    80.0     3.40    93.02
3.16    NO                   NO
 L0172868         0   0.14006E-02  272747.1 3928072.4    79.9     3.40    93.02
3.16    NO                   NO
 L0172869         0   0.14006E-02  272547.1 3928073.5    79.6     3.40    93.02
3.16    NO                   NO
 L0172870         0   0.14006E-02  272347.1 3928074.7    79.4     3.40    93.02
3.16    NO                   NO
 L0172871         0   0.14006E-02  272147.1 3928075.8    79.2     3.40    93.02
3.16    NO                   NO
 L0172872         0   0.14006E-02  271947.1 3928076.9    79.0     3.40    93.02
3.16    NO                   NO
 L0172873         0   0.14006E-02  271948.2 3927920.4    79.0     3.40    93.02
3.16    NO                   NO
 L0172874         0   0.14006E-02  271997.1 3927726.5    79.0     3.40    93.02
3.16    NO                   NO
```

```
 L0172875         0   0.14006E-02  272046.0 3927532.6    79.0     3.40    93.02
3.16    NO                    NO
 L0172876         0   0.14006E-02  272149.7 3927406.5    79.1     3.40    93.02
3.16    NO                    NO
 L0172877         0   0.14006E-02  272349.6 3927399.3    79.3     3.40    93.02
3.16    NO                    NO
 L0172878         0   0.14006E-02  272549.5 3927392.1    79.2     3.40    93.02
3.16    NO                    NO
 L0172879         0   0.14006E-02  272660.9 3927476.6    79.4     3.40    93.02
3.16    NO                    NO
 L0172880         0   0.14006E-02  272660.9 3927676.6    79.6     3.40    93.02
3.16    NO                    NO
 L0172881         0   0.14006E-02  272660.9 3927876.6    79.7     3.40    93.02
3.16    NO                    NO
 L0172882         0   0.14006E-02  272493.1 3927912.3    79.5     3.40    93.02
3.16    NO                    NO
 L0172883         0   0.14006E-02  272293.2 3927916.5    79.3     3.40    93.02
3.16    NO                    NO
 L0172884         0   0.14006E-02  272168.6 3927857.9    79.2     3.40    93.02
3.16    NO                    NO
 L0172885         0   0.14006E-02  272209.0 3927662.1    79.2     3.40    93.02
3.16    NO                    NO
 L0172886         0   0.14006E-02  272348.7 3927588.0    79.3     3.40    93.02
3.16    NO                    NO
 L0172887         0   0.14006E-02  272451.1 3927675.1    79.4     3.40    93.02
3.16    NO                    NO
 L0172888         0   0.14006E-02  277770.6 3919929.8    85.1     3.40    93.02
3.16    NO                    NO
 L0172889         0   0.14006E-02  277962.1 3919872.1    85.5     3.40    93.02
3.16    NO                    NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    ***  VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)    X          Y      ELEV.    HEIGHT    SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)           BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
```

```
 L0172890          0   0.14006E-02  278153.6 3919814.4    85.4     3.40    93.02
3.16    NO                    NO
 L0172 891         0   0.14006E-02  278345.1 3919756.7    85.2     3.40    93.02
3.16    NO                    NO
 L0172 892         0   0.14006E-02  279111.0 3919789.3    86.7     3.40    93.02
3.16    NO                    NO
 L0172 893         0   0.14006E-02  279310.9 3919793.2    87.6     3.40    93.02
3.16    NO                    NO
 L0172 894         0   0.14006E-02  279456.1 3919733.3    87.7     3.40    93.02
3.16    NO                    NO
 L0172 895         0   0.14006E-02  279478.2 3919539.0    87.4     3.40    93.02
3.16    NO                    NO
 L0172 896         0   0.14006E-02  279278.2 3919542.9    86.9     3.40    93.02
3.16    NO                    NO
 L0172 897         0   0.14006E-02  279078.3 3919546.8    86.3     3.40    93.02
3.16    NO                    NO
 L0172 898         0   0.14006E-02  279045.2 3919380.5    86.1     3.40    93.02
3.16    NO                    NO
 L0172 899         0   0.14006E-02  288408.3 3922328.8    93.6     3.40    93.02
3.16    NO                    NO
 L0172 900         0   0.14006E-02  288208.3 3922332.8    93.3     3.40    93.02
3.16    NO                    NO
 L0172 901         0   0.14006E-02  288008.4 3922336.8    93.2     3.40    93.02
3.16    NO                    NO
 L0172 902         0   0.14006E-02  287808.4 3922340.8    92.8     3.40    93.02
3.16    NO                    NO
 L0172 903         0   0.14006E-02  287608.4 3922344.8    92.5     3.40    93.02
3.16    NO                    NO
 L0172 904         0   0.14006E-02  287408.5 3922348.8    92.5     3.40    93.02
3.16    NO                    NO
 L0172 905         0   0.14006E-02  287208.5 3922352.8    92.5     3.40    93.02
3.16    NO                    NO
 L0172 906         0   0.14006E-02  287008.6 3922356.8    92.2     3.40    93.02
3.16    NO                    NO
 L0172 907         0   0.14006E-02  286808.6 3922360.8    91.8     3.40    93.02
3.16    NO                    NO
 L0172 908         0   0.14006E-02  286608.6 3922364.8    91.4     3.40    93.02
3.16    NO                    NO
 L0172 909         0   0.14006E-02  286408.7 3922368.8    91.1     3.40    93.02
3.16    NO                    NO
 L0172 910         0   0.14006E-02  286208.7 3922372.8    90.8     3.40    93.02
3.16    NO                    NO
 L0172 911         0   0.14006E-02  286008.8 3922376.8    90.8     3.40    93.02
3.16    NO                    NO
 L0172 912         0   0.14006E-02  285997.6 3922557.3    90.6     3.40    93.02
3.16    NO                    NO
 L0172 913         0   0.14006E-02  286007.1 3922757.1    90.4     3.40    93.02
3.16    NO                    NO
 L0172 914         0   0.14006E-02  286165.7 3922795.8    90.8     3.40    93.02
```

```
3.16    NO                      NO
 L0172915         0   0.14006E-02  286365.6 3922789.9    90.9     3.40    93.02
3.16    NO                      NO
 L0172916         0   0.14006E-02  286565.5 3922783.9    90.9     3.40    93.02
3.16    NO                      NO
 L0172917         0   0.14006E-02  286765.4 3922778.0    91.2     3.40    93.02
3.16    NO                      NO
 L0172918         0   0.14006E-02  286965.3 3922772.1    91.8     3.40    93.02
3.16    NO                      NO
 L0172919         0   0.14006E-02  287165.2 3922766.1    92.2     3.40    93.02
3.16    NO                      NO
 L0172920         0   0.14006E-02  287365.2 3922760.2    92.5     3.40    93.02
3.16    NO                      NO
 L0172921         0   0.14006E-02  287565.1 3922754.2    92.9     3.40    93.02
3.16    NO                      NO
 L0172922         0   0.14006E-02  287765.0 3922748.3    93.5     3.40    93.02
3.16    NO                      NO
 L0172923         0   0.14006E-02  287964.9 3922742.4    93.8     3.40    93.02
3.16    NO                      NO
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***       14:33:56

                                  PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


 ALL         L0172211    , L0172212    , L0172213    , L0172214    , L0172215   ,
L0172216    , L0172217    , L0172218   ,

             L0172219    , L0172220    , L0172221    , L0172222    , L0172223   ,
L0172224    , L0172225    , L0172226   ,

             L0172227    , L0172228    , L0172229    , L0172230    , L0172231   ,
L0172232    , L0172233    , L0172234   ,

             L0172235    , L0172236    , L0172237    , L0172238    , L0172239   ,
L0172240    , L0172241    , L0172242   ,

             L0172243    , L0172244    , L0172245    , L0172246    , L0172247   ,
L0172248    , L0172249    , L0172250   ,
```

```
             L0172251    , L0172252    , L0172253    , L0172254    , L0172255   ,
L0172256    , L0172257    , L0172258   ,

             L0172259    , L0172260    , L0172261    , L0172262    , L0172263   ,
L0172264    , L0172265    , L0172266   ,

             L0172267    , L0172268    , L0172269    , L0172270    , L0172271   ,
L0172272    , L0172273    , L0172274   ,

             L0172275    , L0172276    , L0172277    , L0172278    , L0172279   ,
L0172280    , L0172281    , L0172282   ,

             L0172283    , L0172284    , L0172285    , L0172286    , L0172287   ,
L0172288    , L0172289    , L0172290   ,

             L0172291    , L0172292    , L0172293    , L0172294    , L0172295   ,
L0172296    , L0172297    , L0172298   ,

             L0172299    , L0172300    , L0172301    , L0172302    , L0172303   ,
L0172304    , L0172305    , L0172306   ,

             L0172307    , L0172308    , L0172309    , L0172310    , L0172311   ,
L0172312    , L0172313    , L0172314   ,

             L0172315    , L0172316    , L0172317    , L0172318    , L0172319   ,
L0172320    , L0172321    , L0172322   ,

             L0172323    , L0172324    , L0172325    , L0172326    , L0172327   ,
L0172328    , L0172329    , L0172330   ,

             L0172331    , L0172332    , L0172333    , L0172334    , L0172335   ,
L0172336    , L0172337    , L0172338   ,

             L0172339    , L0172340    , L0172341    , L0172342    , L0172343   ,
L0172344    , L0172345    , L0172346   ,

             L0172347    , L0172348    , L0172349    , L0172350    , L0172351   ,
L0172352    , L0172353    , L0172354   ,

             L0172355    , L0172356    , L0172357    , L0172358    , L0172359   ,
L0172360    , L0172361    , L0172362   ,

             L0172363    , L0172364    , L0172365    , L0172366    , L0172367   ,
L0172368    , L0172369    , L0172370   ,
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***       14:33:56
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs |
|---|---|
| | L0172371 , L0172372 , L0172373 , L0172374 , L0172375 , L0172376 , L0172377 , L0172378 , |
| | L0172379 , L0172380 , L0172381 , L0172382 , L0172383 , L0172384 , L0172385 , L0172386 , |
| | L0172387 , L0172388 , L0172389 , L0172390 , L0172391 , L0172392 , L0172393 , L0172394 , |
| | L0172395 , L0172396 , L0172397 , L0172398 , L0172399 , L0172400 , L0172401 , L0172402 , |
| | L0172403 , L0172404 , L0172405 , L0172406 , L0172407 , L0172408 , L0172409 , L0172410 , |
| | L0172411 , L0172412 , L0172413 , L0172414 , L0172415 , L0172416 , L0172417 , L0172418 , |
| | L0172419 , L0172420 , L0172421 , L0172422 , L0172423 , L0172424 , L0172425 , L0172426 , |
| | L0172427 , L0172428 , L0172429 , L0172430 , L0172431 , L0172432 , L0172433 , L0172434 , |
| | L0172435 , L0172436 , L0172437 , L0172438 , L0172439 , L0172440 , L0172441 , L0172442 , |
| | L0172443 , L0172444 , L0172445 , L0172446 , L0172447 , L0172448 , L0172449 , L0172450 , |
| | L0172451 , L0172452 , L0172453 , L0172454 , L0172455 , L0172456 , L0172457 , L0172458 , |
| | L0172459 , L0172460 , L0172461 , L0172462 , L0172463 , L0172464 , L0172465 , L0172466 , |
| | L0172467 , L0172468 , L0172469 , L0172470 , L0172471 , L0172472 , L0172473 , L0172474 , |
| | L0172475 , L0172476 , L0172477 , L0172478 , L0172479 , |

```
L0172480    , L0172481    , L0172482   ,

             L0172483    , L0172484    , L0172485    , L0172486    , L0172487   ,
L0172488    , L0172489    , L0172490   ,

             L0172491    , L0172492    , L0172493    , L0172494    , L0172495   ,
L0172496    , L0172497    , L0172498   ,

             L0172499    , L0172500    , L0172501    , L0172502    , L0172503   ,
L0172504    , L0172505    , L0172506   ,

             L0172507    , L0172508    , L0172509    , L0172510    , L0172511   ,
L0172512    , L0172513    , L0172514   ,

             L0172515    , L0172516    , L0172517    , L0172518    , L0172519   ,
L0172520    , L0172521    , L0172522   ,

             L0172523    , L0172524    , L0172525    , L0172526    , L0172527   ,
L0172528    , L0172529    , L0172530   ,
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


             L0172531    , L0172532    , L0172533    , L0172534    , L0172535   ,
L0172536    , L0172537    , L0172538   ,

             L0172539    , L0172540    , L0172541    , L0172542    , L0172543   ,
L0172544    , L0172545    , L0172546   ,

             L0172547    , L0172548    , L0172549    , L0172550    , L0172551   ,
L0172552    , L0172553    , L0172554   ,

             L0172555    , L0172556    , L0172557    , L0172558    , L0172559   ,
L0172560    , L0172561    , L0172562   ,

             L0172563    , L0172564    , L0172565    , L0172566    , L0172567   ,
L0172568    , L0172569    , L0172570   ,
```

```
             L0172571    , L0172572    , L0172573    , L0172574    , L0172575   ,
L0172576    , L0172577    , L0172578   ,

             L0172579    , L0172580    , L0172581    , L0172582    , L0172583   ,
L0172584    , L0172585    , L0172586   ,

             L0172587    , L0172588    , L0172589    , L0172590    , L0172591   ,
L0172592    , L0172593    , L0172594   ,

             L0172595    , L0172596    , L0172597    , L0172598    , L0172599   ,
L0172600    , L0172601    , L0172602   ,

             L0172603    , L0172604    , L0172605    , L0172606    , L0172607   ,
L0172608    , L0172609    , L0172610   ,

             L0172611    , L0172612    , L0172613    , L0172614    , L0172615   ,
L0172616    , L0172617    , L0172618   ,

             L0172619    , L0172620    , L0172621    , L0172622    , L0172623   ,
L0172624    , L0172625    , L0172626   ,

             L0172627    , L0172628    , L0172629    , L0172630    , L0172631   ,
L0172632    , L0172633    , L0172634   ,

             L0172635    , L0172636    , L0172637    , L0172638    , L0172639   ,
L0172640    , L0172641    , L0172642   ,

             L0172643    , L0172644    , L0172645    , L0172646    , L0172647   ,
L0172648    , L0172649    , L0172650   ,

             L0172651    , L0172652    , L0172653    , L0172654    , L0172655   ,
L0172656    , L0172657    , L0172658   ,

             L0172659    , L0172660    , L0172661    , L0172662    , L0172663   ,
L0172664    , L0172665    , L0172666   ,

             L0172667    , L0172668    , L0172669    , L0172670    , L0172671   ,
L0172672    , L0172673    , L0172674   ,

             L0172675    , L0172676    , L0172677    , L0172678    , L0172679   ,
L0172680    , L0172681    , L0172682   ,

             L0172683    , L0172684    , L0172685    , L0172686    , L0172687   ,
L0172688    , L0172689    , L0172690   ,
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***       14:33:56
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs |
|---|---|
| | L0172691 , L0172692 , L0172693 , L0172694 , L0172695 , L0172696 , L0172697 , L0172698 , |
| | L0172699 , L0172700 , L0172701 , L0172702 , L0172703 , L0172704 , L0172705 , L0172706 , |
| | L0172707 , L0172708 , L0172709 , L0172710 , L0172711 , L0172712 , L0172713 , L0172714 , |
| | L0172715 , L0172716 , L0172717 , L0172718 , L0172719 , L0172720 , L0172721 , L0172722 , |
| | L0172723 , L0172724 , L0172725 , L0172726 , L0172727 , L0172728 , L0172729 , L0172730 , |
| | L0172731 , L0172732 , L0172733 , L0172734 , L0172735 , L0172736 , L0172737 , L0172738 , |
| | L0172739 , L0172740 , L0172741 , L0172742 , L0172743 , L0172744 , L0172745 , L0172746 , |
| | L0172747 , L0172748 , L0172749 , L0172750 , L0172751 , L0172752 , L0172753 , L0172754 , |
| | L0172755 , L0172756 , L0172757 , L0172758 , L0172759 , L0172760 , L0172761 , L0172762 , |
| | L0172763 , L0172764 , L0172765 , L0172766 , L0172767 , L0172768 , L0172769 , L0172770 , |
| | L0172771 , L0172772 , L0172773 , L0172774 , L0172775 , L0172776 , L0172777 , L0172778 , |
| | L0172779 , L0172780 , L0172781 , L0172782 , L0172783 , L0172784 , L0172785 , L0172786 , |
| | L0172787 , L0172788 , L0172789 , L0172790 , L0172791 , L0172792 , L0172793 , L0172794 , |
| | L0172795 , L0172796 , L0172797 , L0172798 , L0172799 , |

```
L0172800    , L0172801    , L0172802   ,

             L0172803    , L0172804    , L0172805    , L0172806    , L0172807   ,
L0172808    , L0172809    , L0172810   ,

             L0172811    , L0172812    , L0172813    , L0172814    , L0172815   ,
L0172816    , L0172817    , L0172818   ,

             L0172819    , L0172820    , L0172821    , L0172822    , L0172823   ,
L0172824    , L0172825    , L0172826   ,

             L0172827    , L0172828    , L0172829    , L0172830    , L0172831   ,
L0172832    , L0172833    , L0172834   ,

             L0172835    , L0172836    , L0172837    , L0172838    , L0172839   ,
L0172840    , L0172841    , L0172842   ,

             L0172843    , L0172844    , L0172845    , L0172846    , L0172847   ,
L0172848    , L0172849    , L0172850   ,
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


             L0172851    , VOL1        , L0172852    , L0172853    , L0172854   ,
L0172855    , L0172856    , L0172857   ,

             L0172858    , L0172859    , L0172860    , L0172861    , L0172862   ,
L0172863    , L0172864    , L0172865   ,

             L0172866    , L0172867    , L0172868    , L0172869    , L0172870   ,
L0172871    , L0172872    , L0172873   ,

             L0172874    , L0172875    , L0172876    , L0172877    , L0172878   ,
L0172879    , L0172880    , L0172881   ,

             L0172882    , L0172883    , L0172884    , L0172885    , L0172886   ,
L0172887    , L0172888    , L0172889   ,
```

                                          ***  DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

   (    275884.3, 3920210.5,      81.8,      81.8,       0.0);       (    275904.3,
3920210.5,      81.8,      81.8,       0.0);
  (    275924.3, 3920210.5,      81.8,      81.8,       0.0);       (    275944.3,
3920210.5,      81.8,      81.8,       0.0);
  (    275964.3, 3920210.5,      81.8,      81.8,       0.0);       (    275984.3,
3920210.5,      81.8,      81.8,       0.0);
  (    276004.3, 3920210.5,      81.8,      81.8,       0.0);       (    276024.3,
3920210.5,      81.8,      81.8,       0.0);
  (    276044.3, 3920210.5,      81.7,      81.7,       0.0);       (    276064.3,
3920210.5,      81.7,      81.7,       0.0);
  (    276084.3, 3920210.5,      81.7,      81.7,       0.0);       (    276104.3,
3920210.5,      81.6,      81.6,       0.0);
  (    276124.3, 3920210.5,      81.6,      81.6,       0.0);       (    276144.3,
3920210.5,      81.6,      81.6,       0.0);
  (    276164.3, 3920210.5,      81.7,      81.7,       0.0);       (    276184.3,
3920210.5,      81.9,      81.9,       0.0);
  (    276204.3, 3920210.5,      82.4,      82.4,       0.0);       (    275324.3,
3920230.5,      81.9,      81.9,       0.0);
  (    275344.3, 3920230.5,      81.9,      81.9,       0.0);       (    275364.3,
3920230.5,      82.0,      82.0,       0.0);
  (    275384.3, 3920230.5,      82.0,      82.0,       0.0);       (    275404.3,
3920230.5,      82.0,      82.0,       0.0);
  (    275424.3, 3920230.5,      82.0,      82.0,       0.0);       (    275444.3,
3920230.5,      82.0,      82.0,       0.0);

```
   (   275464.3, 3920230.5,      82.0,      82.0,       0.0);       (   275484.3,
3920230.5,      82.0,      82.0,       0.0);
  (    275504.3, 3920230.5,      82.0,      82.0,       0.0);       (   275524.3,
3920230.5,      81.9,      81.9,       0.0);
  (    275544.3, 3920230.5,      81.9,      81.9,       0.0);       (   275564.3,
3920230.5,      81.9,      81.9,       0.0);
  (    275584.3, 3920230.5,      81.9,      81.9,       0.0);       (   275604.3,
3920230.5,      81.9,      81.9,       0.0);
  (    275624.3, 3920230.5,      81.9,      81.9,       0.0);       (   275644.3,
3920230.5,      81.9,      81.9,       0.0);
  (    275664.3, 3920230.5,      81.9,      81.9,       0.0);       (   275684.3,
3920230.5,      81.9,      81.9,       0.0);
  (    275704.3, 3920230.5,      81.9,      81.9,       0.0);       (   275724.3,
3920230.5,      81.8,      81.8,       0.0);
  (    275744.3, 3920230.5,      81.8,      81.8,       0.0);       (   275764.3,
3920230.5,      81.8,      81.8,       0.0);
  (    275784.3, 3920230.5,      81.8,      81.8,       0.0);       (   275804.3,
3920230.5,      81.8,      81.8,       0.0);
  (    275824.3, 3920230.5,      81.8,      81.8,       0.0);       (   275844.3,
3920230.5,      81.8,      81.8,       0.0);
  (    275864.3, 3920230.5,      81.8,      81.8,       0.0);       (   275884.3,
3920230.5,      81.8,      81.8,       0.0);
  (    275904.3, 3920230.5,      81.8,      81.8,       0.0);       (   275924.3,
3920230.5,      81.8,      81.8,       0.0);
  (    275944.3, 3920230.5,      81.8,      81.8,       0.0);       (   275964.3,
3920230.5,      81.8,      81.8,       0.0);
  (    275984.3, 3920230.5,      81.8,      81.8,       0.0);       (   276004.3,
3920230.5,      81.8,      81.8,       0.0);
  (    276024.3, 3920230.5,      81.7,      81.7,       0.0);       (   276044.3,
3920230.5,      81.7,      81.7,       0.0);
  (    276064.3, 3920230.5,      81.7,      81.7,       0.0);       (   276084.3,
3920230.5,      81.6,      81.6,       0.0);
  (    276104.3, 3920230.5,      81.6,      81.6,       0.0);       (   276124.3,
3920230.5,      81.6,      81.6,       0.0);
  (    276144.3, 3920230.5,      81.6,      81.6,       0.0);       (   276164.3,
3920230.5,      81.7,      81.7,       0.0);
  (    276184.3, 3920230.5,      81.9,      81.9,       0.0);       (   276204.3,
3920230.5,      82.2,      82.2,       0.0);
  (    276224.3, 3920230.5,      82.5,      82.5,       0.0);       (   276244.3,
3920230.5,      82.8,      82.8,       0.0);
  (    276264.3, 3920230.5,      82.9,      82.9,       0.0);       (   276284.3,
3920230.5,      83.0,      83.0,       0.0);
  (    276304.3, 3920230.5,      83.0,      83.0,       0.0);       (   276324.3,
3920230.5,      83.0,      83.0,       0.0);
  (    276344.3, 3920230.5,      83.0,      83.0,       0.0);       (   276364.3,
3920230.5,      83.0,      83.0,       0.0);
  (    276384.3, 3920230.5,      83.0,      83.0,       0.0);       (   276404.3,
3920230.5,      83.0,      83.0,       0.0);
  (    276424.3, 3920230.5,      83.1,      83.1,       0.0);       (   276444.3,
3920230.5,      83.1,      83.1,       0.0);
```

```
   (   276464.3, 3920230.5,      83.1,      83.1,       0.0);       (   276484.3,
3920230.5,      83.2,      83.2,       0.0);
  (    275324.3, 3920250.5,      81.9,      81.9,       0.0);       (   275344.3,
3920250.5,      81.9,      81.9,       0.0);
  (    275364.3, 3920250.5,      81.9,      81.9,       0.0);       (   275384.3,
3920250.5,      81.9,      81.9,       0.0);
  (    275404.3, 3920250.5,      81.9,      81.9,       0.0);       (   275424.3,
3920250.5,      81.9,      81.9,       0.0);
  (    275444.3, 3920250.5,      81.9,      81.9,       0.0);       (   275464.3,
3920250.5,      81.9,      81.9,       0.0);
  (    275484.3, 3920250.5,      81.9,      81.9,       0.0);       (   275504.3,
3920250.5,      81.9,      81.9,       0.0);
  (    275524.3, 3920250.5,      81.9,      81.9,       0.0);       (   275544.3,
3920250.5,      81.9,      81.9,       0.0);
  (    275564.3, 3920250.5,      81.9,      81.9,       0.0);       (   275584.3,
3920250.5,      81.9,      81.9,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***       14:33:56

                                PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                        ***  DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

   (   275604.3, 3920250.5,      81.9,      81.9,       0.0);       (   275624.3,
3920250.5,      81.9,      81.9,       0.0);
  (    275644.3, 3920250.5,      81.9,      81.9,       0.0);       (   275664.3,
3920250.5,      81.9,      81.9,       0.0);
  (    275684.3, 3920250.5,      81.8,      81.8,       0.0);       (   275704.3,
3920250.5,      81.8,      81.8,       0.0);
  (    275724.3, 3920250.5,      81.8,      81.8,       0.0);       (   275744.3,
3920250.5,      81.8,      81.8,       0.0);
  (    275764.3, 3920250.5,      81.8,      81.8,       0.0);       (   275784.3,
3920250.5,      81.8,      81.8,       0.0);
  (    275804.3, 3920250.5,      81.8,      81.8,       0.0);       (   275824.3,
3920250.5,      81.8,      81.8,       0.0);
  (    275844.3, 3920250.5,      81.8,      81.8,       0.0);       (   275864.3,
3920250.5,      81.8,      81.8,       0.0);
  (    275884.3, 3920250.5,      81.8,      81.8,       0.0);       (   275904.3,
3920250.5,      81.7,      81.7,       0.0);
  (    275924.3, 3920250.5,      81.7,      81.7,       0.0);       (   275944.3,
3920250.5,      81.7,      81.7,       0.0);
  (    275964.3, 3920250.5,      81.7,      81.7,       0.0);       (   275984.3,
3920250.5,      81.7,      81.7,       0.0);
  (    276004.3, 3920250.5,      81.7,      81.7,       0.0);       (   276024.3,
```

```
3920250.5,      81.7,      81.7,       0.0);
  (    276044.3, 3920250.5,      81.7,      81.7,       0.0);       (    276064.3,
3920250.5,      81.6,      81.6,       0.0);
  (    276104.3, 3920250.5,      81.6,      81.6,       0.0);       (    276124.3,
3920250.5,      81.6,      81.6,       0.0);
  (    276144.3, 3920250.5,      81.7,      81.7,       0.0);       (    276164.3,
3920250.5,      81.8,      81.8,       0.0);
  (    276184.3, 3920250.5,      81.9,      81.9,       0.0);       (    276204.3,
3920250.5,      82.1,      82.1,       0.0);
  (    276224.3, 3920250.5,      82.4,      82.4,       0.0);       (    276244.3,
3920250.5,      82.6,      82.6,       0.0);
  (    276264.3, 3920250.5,      82.8,      82.8,       0.0);       (    276284.3,
3920250.5,      82.9,      82.9,       0.0);
  (    276304.3, 3920250.5,      82.9,      82.9,       0.0);       (    276324.3,
3920250.5,      82.9,      82.9,       0.0);
  (    276344.3, 3920250.5,      82.9,      82.9,       0.0);       (    276364.3,
3920250.5,      82.9,      82.9,       0.0);
  (    276384.3, 3920250.5,      83.0,      83.0,       0.0);       (    276404.3,
3920250.5,      83.0,      83.0,       0.0);
  (    276424.3, 3920250.5,      83.1,      83.1,       0.0);       (    276444.3,
3920250.5,      83.1,      83.1,       0.0);
  (    276464.3, 3920250.5,      83.1,      83.1,       0.0);       (    276484.3,
3920250.5,      83.1,      83.1,       0.0);
  (    275324.3, 3920270.5,      81.9,      81.9,       0.0);       (    275344.3,
3920270.5,      81.9,      81.9,       0.0);
  (    275364.3, 3920270.5,      81.9,      81.9,       0.0);       (    275384.3,
3920270.5,      81.9,      81.9,       0.0);
  (    275404.3, 3920270.5,      81.9,      81.9,       0.0);       (    275424.3,
3920270.5,      81.9,      81.9,       0.0);
  (    275444.3, 3920270.5,      81.9,      81.9,       0.0);       (    275464.3,
3920270.5,      81.9,      81.9,       0.0);
  (    275484.3, 3920270.5,      81.9,      81.9,       0.0);       (    275504.3,
3920270.5,      81.9,      81.9,       0.0);
  (    275524.3, 3920270.5,      81.9,      81.9,       0.0);       (    275544.3,
3920270.5,      81.9,      81.9,       0.0);
  (    275564.3, 3920270.5,      81.9,      81.9,       0.0);       (    275584.3,
3920270.5,      81.9,      81.9,       0.0);
  (    275604.3, 3920270.5,      81.9,      81.9,       0.0);       (    275624.3,
3920270.5,      81.9,      81.9,       0.0);
  (    275644.3, 3920270.5,      81.9,      81.9,       0.0);       (    275664.3,
3920270.5,      81.8,      81.8,       0.0);
  (    275684.3, 3920270.5,      81.8,      81.8,       0.0);       (    275704.3,
3920270.5,      81.8,      81.8,       0.0);
  (    275724.3, 3920270.5,      81.8,      81.8,       0.0);       (    275744.3,
3920270.5,      81.8,      81.8,       0.0);
  (    275764.3, 3920270.5,      81.8,      81.8,       0.0);       (    275784.3,
3920270.5,      81.8,      81.8,       0.0);
  (    275804.3, 3920270.5,      81.7,      81.7,       0.0);       (    275824.3,
3920270.5,      81.7,      81.7,       0.0);
  (    275844.3, 3920270.5,      81.7,      81.7,       0.0);       (    275864.3,
```

```
3920270.5,      81.7,      81.7,       0.0);
  (    275884.3, 3920270.5,      81.7,      81.7,       0.0);       (    275904.3,
3920270.5,      81.7,      81.7,       0.0);
  (    275924.3, 3920270.5,      81.7,      81.7,       0.0);       (    275944.3,
3920270.5,      81.7,      81.7,       0.0);
  (    275964.3, 3920270.5,      81.7,      81.7,       0.0);       (    275984.3,
3920270.5,      81.7,      81.7,       0.0);
  (    276004.3, 3920270.5,      81.7,      81.7,       0.0);       (    276024.3,
3920270.5,      81.7,      81.7,       0.0);
  (    276044.3, 3920270.5,      81.7,      81.7,       0.0);       (    276064.3,
3920270.5,      81.6,      81.6,       0.0);
  (    276164.3, 3920270.5,      81.8,      81.8,       0.0);       (    276184.3,
3920270.5,      81.9,      81.9,       0.0);
  (    276204.3, 3920270.5,      82.1,      82.1,       0.0);       (    276224.3,
3920270.5,      82.3,      82.3,       0.0);
  (    276244.3, 3920270.5,      82.5,      82.5,       0.0);       (    276264.3,
3920270.5,      82.6,      82.6,       0.0);
  (    276284.3, 3920270.5,      82.8,      82.8,       0.0);       (    276304.3,
3920270.5,      82.8,      82.8,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        14:33:56

                                  PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          ***  DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

   (    276324.3, 3920270.5,      82.9,      82.9,       0.0);       (    276344.3,
3920270.5,      82.9,      82.9,       0.0);
  (    276364.3, 3920270.5,      82.9,      82.9,       0.0);       (    276384.3,
3920270.5,      83.0,      83.0,       0.0);
  (    276404.3, 3920270.5,      83.0,      83.0,       0.0);       (    276424.3,
3920270.5,      83.0,      83.0,       0.0);
  (    276444.3, 3920270.5,      83.1,      83.1,       0.0);       (    276464.3,
3920270.5,      83.1,      83.1,       0.0);
  (    276484.3, 3920270.5,      83.1,      83.1,       0.0);       (    275324.3,
3920290.5,      81.9,      81.9,       0.0);
  (    275344.3, 3920290.5,      81.9,      81.9,       0.0);       (    275364.3,
3920290.5,      81.9,      81.9,       0.0);
  (    275384.3, 3920290.5,      81.9,      81.9,       0.0);       (    275404.3,
3920290.5,      81.9,      81.9,       0.0);
  (    275424.3, 3920290.5,      81.9,      81.9,       0.0);       (    275444.3,
3920290.5,      81.9,      81.9,       0.0);
  (    275464.3, 3920290.5,      81.9,      81.9,       0.0);       (    275484.3,
3920290.5,      81.9,      81.9,       0.0);
```

```
   (   275504.3, 3920290.5,      81.9,      81.9,       0.0);       (   275524.3,
3920290.5,      81.9,      81.9,       0.0);
  (    275544.3, 3920290.5,      81.9,      81.9,       0.0);       (   275564.3,
3920290.5,      81.9,      81.9,       0.0);
  (    275584.3, 3920290.5,      81.9,      81.9,       0.0);       (   275604.3,
3920290.5,      81.9,      81.9,       0.0);
  (    275624.3, 3920290.5,      81.8,      81.8,       0.0);       (   275644.3,
3920290.5,      81.8,      81.8,       0.0);
  (    275664.3, 3920290.5,      81.8,      81.8,       0.0);       (   275684.3,
3920290.5,      81.8,      81.8,       0.0);
  (    275704.3, 3920290.5,      81.8,      81.8,       0.0);       (   275724.3,
3920290.5,      81.8,      81.8,       0.0);
  (    275744.3, 3920290.5,      81.8,      81.8,       0.0);       (   275764.3,
3920290.5,      81.8,      81.8,       0.0);
  (    275784.3, 3920290.5,      81.7,      81.7,       0.0);       (   275804.3,
3920290.5,      81.7,      81.7,       0.0);
  (    275824.3, 3920290.5,      81.7,      81.7,       0.0);       (   275844.3,
3920290.5,      81.7,      81.7,       0.0);
  (    275864.3, 3920290.5,      81.7,      81.7,       0.0);       (   275884.3,
3920290.5,      81.7,      81.7,       0.0);
  (    275904.3, 3920290.5,      81.7,      81.7,       0.0);       (   275924.3,
3920290.5,      81.7,      81.7,       0.0);
  (    275944.3, 3920290.5,      81.7,      81.7,       0.0);       (   275964.3,
3920290.5,      81.7,      81.7,       0.0);
  (    275984.3, 3920290.5,      81.7,      81.7,       0.0);       (   276004.3,
3920290.5,      81.7,      81.7,       0.0);
  (    276024.3, 3920290.5,      81.7,      81.7,       0.0);       (   276044.3,
3920290.5,      81.6,      81.6,       0.0);
  (    276164.3, 3920290.5,      81.8,      81.8,       0.0);       (   276184.3,
3920290.5,      81.9,      81.9,       0.0);
  (    276204.3, 3920290.5,      82.1,      82.1,       0.0);       (   276224.3,
3920290.5,      82.3,      82.3,       0.0);
  (    276244.3, 3920290.5,      82.4,      82.4,       0.0);       (   276264.3,
3920290.5,      82.6,      82.6,       0.0);
  (    276284.3, 3920290.5,      82.7,      82.7,       0.0);       (   276304.3,
3920290.5,      82.8,      82.8,       0.0);
  (    276324.3, 3920290.5,      82.8,      82.8,       0.0);       (   276344.3,
3920290.5,      82.9,      82.9,       0.0);
  (    276364.3, 3920290.5,      82.9,      82.9,       0.0);       (   276384.3,
3920290.5,      82.9,      82.9,       0.0);
  (    276404.3, 3920290.5,      83.0,      83.0,       0.0);       (   276424.3,
3920290.5,      83.0,      83.0,       0.0);
  (    276444.3, 3920290.5,      83.1,      83.1,       0.0);       (   276464.3,
3920290.5,      83.1,      83.1,       0.0);
  (    276484.3, 3920290.5,      83.1,      83.1,       0.0);       (   275324.3,
3920310.5,      81.9,      81.9,       0.0);
  (    275344.3, 3920310.5,      81.9,      81.9,       0.0);       (   275364.3,
3920310.5,      81.9,      81.9,       0.0);
  (    275384.3, 3920310.5,      81.9,      81.9,       0.0);       (   275404.3,
3920310.5,      81.9,      81.9,       0.0);
```

(  275424.3, 3920310.5,  81.9,  81.9,  0.0);  (  275444.3,
3920310.5,  81.9,  81.9,  0.0);
(  275464.3, 3920310.5,  81.9,  81.9,  0.0);  (  275484.3,
3920310.5,  81.9,  81.9,  0.0);
(  275504.3, 3920310.5,  81.9,  81.9,  0.0);  (  275524.3,
3920310.5,  81.9,  81.9,  0.0);
(  275544.3, 3920310.5,  81.9,  81.9,  0.0);  (  275564.3,
3920310.5,  81.9,  81.9,  0.0);
(  275584.3, 3920310.5,  81.8,  81.8,  0.0);  (  275604.3,
3920310.5,  81.8,  81.8,  0.0);
(  275624.3, 3920310.5,  81.8,  81.8,  0.0);  (  275644.3,
3920310.5,  81.8,  81.8,  0.0);
(  275664.3, 3920310.5,  81.8,  81.8,  0.0);  (  275684.3,
3920310.5,  81.8,  81.8,  0.0);
(  275704.3, 3920310.5,  81.8,  81.8,  0.0);  (  275724.3,
3920310.5,  81.8,  81.8,  0.0);
(  275744.3, 3920310.5,  81.7,  81.7,  0.0);  (  275764.3,
3920310.5,  81.7,  81.7,  0.0);
(  275784.3, 3920310.5,  81.7,  81.7,  0.0);  (  275804.3,
3920310.5,  81.7,  81.7,  0.0);
(  275824.3, 3920310.5,  81.7,  81.7,  0.0);  (  275844.3,
3920310.5,  81.7,  81.7,  0.0);
*** AERMOD - VERSION 23132  ***  ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC  ***
08/15/24
*** AERMET - VERSION  18081 ***  ***
***  14:33:56

PAGE  28
*** MODELOPTs:  RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(  275864.3, 3920310.5,  81.7,  81.7,  0.0);  (  275884.3,
3920310.5,  81.7,  81.7,  0.0);
(  275904.3, 3920310.5,  81.7,  81.7,  0.0);  (  275924.3,
3920310.5,  81.7,  81.7,  0.0);
(  275944.3, 3920310.5,  81.7,  81.7,  0.0);  (  275964.3,
3920310.5,  81.7,  81.7,  0.0);
(  275984.3, 3920310.5,  81.7,  81.7,  0.0);  (  276004.3,
3920310.5,  81.7,  81.7,  0.0);
(  276024.3, 3920310.5,  81.7,  81.7,  0.0);  (  276044.3,
3920310.5,  81.6,  81.6,  0.0);
(  276164.3, 3920310.5,  81.8,  81.8,  0.0);  (  276184.3,
3920310.5,  82.0,  82.0,  0.0);
(  276204.3, 3920310.5,  82.1,  82.1,  0.0);  (  276224.3,
3920310.5,  82.2,  82.2,  0.0);
(  276244.3, 3920310.5,  82.4,  82.4,  0.0);  (  276264.3,

```
3920310.5,      82.5,      82.5,       0.0);
  (    276284.3, 3920310.5,      82.6,      82.6,       0.0);       (   276304.3,
3920310.5,      82.7,      82.7,       0.0);
  (    276324.3, 3920310.5,      82.8,      82.8,       0.0);       (   276344.3,
3920310.5,      82.8,      82.8,       0.0);
  (    276364.3, 3920310.5,      82.9,      82.9,       0.0);       (   276384.3,
3920310.5,      82.9,      82.9,       0.0);
  (    276404.3, 3920310.5,      83.0,      83.0,       0.0);       (   276424.3,
3920310.5,      83.0,      83.0,       0.0);
  (    276444.3, 3920310.5,      83.1,      83.1,       0.0);       (   276464.3,
3920310.5,      83.1,      83.1,       0.0);
  (    276484.3, 3920310.5,      83.1,      83.1,       0.0);       (   275144.3,
3920330.5,      81.8,      81.8,       0.0);
  (    275164.3, 3920330.5,      81.8,      81.8,       0.0);       (   275184.3,
3920330.5,      81.8,      81.8,       0.0);
  (    275204.3, 3920330.5,      81.8,      81.8,       0.0);       (   275224.3,
3920330.5,      81.8,      81.8,       0.0);
  (    275244.3, 3920330.5,      81.8,      81.8,       0.0);       (   275264.3,
3920330.5,      81.8,      81.8,       0.0);
  (    275284.3, 3920330.5,      81.8,      81.8,       0.0);       (   275304.3,
3920330.5,      81.9,      81.9,       0.0);
  (    275324.3, 3920330.5,      81.9,      81.9,       0.0);       (   275344.3,
3920330.5,      81.9,      81.9,       0.0);
  (    275364.3, 3920330.5,      81.9,      81.9,       0.0);       (   275384.3,
3920330.5,      81.9,      81.9,       0.0);
  (    275404.3, 3920330.5,      81.9,      81.9,       0.0);       (   275424.3,
3920330.5,      81.9,      81.9,       0.0);
  (    275444.3, 3920330.5,      81.8,      81.8,       0.0);       (   275464.3,
3920330.5,      81.8,      81.8,       0.0);
  (    275484.3, 3920330.5,      81.8,      81.8,       0.0);       (   275504.3,
3920330.5,      81.8,      81.8,       0.0);
  (    275524.3, 3920330.5,      81.8,      81.8,       0.0);       (   275544.3,
3920330.5,      81.8,      81.8,       0.0);
  (    275564.3, 3920330.5,      81.8,      81.8,       0.0);       (   275584.3,
3920330.5,      81.8,      81.8,       0.0);
  (    275604.3, 3920330.5,      81.8,      81.8,       0.0);       (   275624.3,
3920330.5,      81.8,      81.8,       0.0);
  (    275644.3, 3920330.5,      81.8,      81.8,       0.0);       (   275664.3,
3920330.5,      81.8,      81.8,       0.0);
  (    275684.3, 3920330.5,      81.8,      81.8,       0.0);       (   275704.3,
3920330.5,      81.8,      81.8,       0.0);
  (    275724.3, 3920330.5,      81.7,      81.7,       0.0);       (   275744.3,
3920330.5,      81.7,      81.7,       0.0);
  (    275764.3, 3920330.5,      81.7,      81.7,       0.0);       (   275784.3,
3920330.5,      81.7,      81.7,       0.0);
  (    275804.3, 3920330.5,      81.7,      81.7,       0.0);       (   275824.3,
3920330.5,      81.6,      81.6,       0.0);
  (    275844.3, 3920330.5,      81.6,      81.6,       0.0);       (   275864.3,
3920330.5,      81.6,      81.6,       0.0);
  (    275884.3, 3920330.5,      81.6,      81.6,       0.0);       (   275904.3,
```

```
3920330.5,      81.6,      81.6,       0.0);
  (    275924.3, 3920330.5,      81.6,      81.6,       0.0);       (    275944.3,
3920330.5,      81.7,      81.7,       0.0);
  (    275964.3, 3920330.5,      81.7,      81.7,       0.0);       (    275984.3,
3920330.5,      81.7,      81.7,       0.0);
  (    276004.3, 3920330.5,      81.7,      81.7,       0.0);       (    276024.3,
3920330.5,      81.7,      81.7,       0.0);
  (    276164.3, 3920330.5,      81.9,      81.9,       0.0);       (    276184.3,
3920330.5,      82.0,      82.0,       0.0);
  (    276204.3, 3920330.5,      82.1,      82.1,       0.0);       (    276224.3,
3920330.5,      82.2,      82.2,       0.0);
  (    276244.3, 3920330.5,      82.3,      82.3,       0.0);       (    276264.3,
3920330.5,      82.5,      82.5,       0.0);
  (    276284.3, 3920330.5,      82.6,      82.6,       0.0);       (    276304.3,
3920330.5,      82.7,      82.7,       0.0);
  (    276324.3, 3920330.5,      82.8,      82.8,       0.0);       (    276344.3,
3920330.5,      82.8,      82.8,       0.0);
  (    276364.3, 3920330.5,      82.9,      82.9,       0.0);       (    276384.3,
3920330.5,      82.9,      82.9,       0.0);
  (    276404.3, 3920330.5,      83.0,      83.0,       0.0);       (    276424.3,
3920330.5,      83.0,      83.0,       0.0);
  (    276444.3, 3920330.5,      83.0,      83.0,       0.0);       (    276464.3,
3920330.5,      83.1,      83.1,       0.0);
  (    276484.3, 3920330.5,      83.1,      83.1,       0.0);       (    275144.3,
3920350.5,      81.8,      81.8,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        14:33:56

                                  PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                        ***  DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

   (    275164.3, 3920350.5,      81.8,      81.8,       0.0);       (    275184.3,
3920350.5,      81.8,      81.8,       0.0);
  (    275204.3, 3920350.5,      81.8,      81.8,       0.0);       (    275224.3,
3920350.5,      81.8,      81.8,       0.0);
  (    275244.3, 3920350.5,      81.8,      81.8,       0.0);       (    275264.3,
3920350.5,      81.8,      81.8,       0.0);
  (    275284.3, 3920350.5,      81.8,      81.8,       0.0);       (    275304.3,
3920350.5,      81.8,      81.8,       0.0);
  (    275324.3, 3920350.5,      81.8,      81.8,       0.0);       (    275344.3,
3920350.5,      81.8,      81.8,       0.0);
  (    275364.3, 3920350.5,      81.8,      81.8,       0.0);       (    275384.3,
3920350.5,      81.8,      81.8,       0.0);
```

```
   (   275404.3, 3920350.5,      81.8,      81.8,       0.0);       (   275424.3,
3920350.5,      81.8,      81.8,       0.0);
  (    275444.3, 3920350.5,      81.8,      81.8,       0.0);       (   275464.3,
3920350.5,      81.8,      81.8,       0.0);
  (    275484.3, 3920350.5,      81.8,      81.8,       0.0);       (   275504.3,
3920350.5,      81.8,      81.8,       0.0);
  (    275524.3, 3920350.5,      81.8,      81.8,       0.0);       (   275544.3,
3920350.5,      81.8,      81.8,       0.0);
  (    275564.3, 3920350.5,      81.8,      81.8,       0.0);       (   275584.3,
3920350.5,      81.8,      81.8,       0.0);
  (    275604.3, 3920350.5,      81.8,      81.8,       0.0);       (   275624.3,
3920350.5,      81.8,      81.8,       0.0);
  (    275644.3, 3920350.5,      81.8,      81.8,       0.0);       (   275664.3,
3920350.5,      81.8,      81.8,       0.0);
  (    275684.3, 3920350.5,      81.8,      81.8,       0.0);       (   275704.3,
3920350.5,      81.7,      81.7,       0.0);
  (    275724.3, 3920350.5,      81.7,      81.7,       0.0);       (   275744.3,
3920350.5,      81.7,      81.7,       0.0);
  (    275764.3, 3920350.5,      81.7,      81.7,       0.0);       (   275784.3,
3920350.5,      81.7,      81.7,       0.0);
  (    275804.3, 3920350.5,      81.6,      81.6,       0.0);       (   275824.3,
3920350.5,      81.6,      81.6,       0.0);
  (    275844.3, 3920350.5,      81.6,      81.6,       0.0);       (   275864.3,
3920350.5,      81.6,      81.6,       0.0);
  (    275884.3, 3920350.5,      81.6,      81.6,       0.0);       (   275904.3,
3920350.5,      81.6,      81.6,       0.0);
  (    275924.3, 3920350.5,      81.6,      81.6,       0.0);       (   275944.3,
3920350.5,      81.6,      81.6,       0.0);
  (    275964.3, 3920350.5,      81.7,      81.7,       0.0);       (   275984.3,
3920350.5,      81.7,      81.7,       0.0);
  (    276004.3, 3920350.5,      81.7,      81.7,       0.0);       (   276024.3,
3920350.5,      81.6,      81.6,       0.0);
  (    276164.3, 3920350.5,      81.9,      81.9,       0.0);       (   276184.3,
3920350.5,      82.0,      82.0,       0.0);
  (    276204.3, 3920350.5,      82.1,      82.1,       0.0);       (   276224.3,
3920350.5,      82.2,      82.2,       0.0);
  (    276244.3, 3920350.5,      82.3,      82.3,       0.0);       (   276264.3,
3920350.5,      82.5,      82.5,       0.0);
  (    276284.3, 3920350.5,      82.5,      82.5,       0.0);       (   276304.3,
3920350.5,      82.6,      82.6,       0.0);
  (    276324.3, 3920350.5,      82.7,      82.7,       0.0);       (   276344.3,
3920350.5,      82.8,      82.8,       0.0);
  (    276364.3, 3920350.5,      82.8,      82.8,       0.0);       (   276384.3,
3920350.5,      82.9,      82.9,       0.0);
  (    276404.3, 3920350.5,      82.9,      82.9,       0.0);       (   276424.3,
3920350.5,      83.0,      83.0,       0.0);
  (    276444.3, 3920350.5,      83.0,      83.0,       0.0);       (   276464.3,
3920350.5,      83.1,      83.1,       0.0);
  (    276484.3, 3920350.5,      83.1,      83.1,       0.0);       (   275144.3,
3920370.5,      81.8,      81.8,       0.0);
```

```
   (   275164.3, 3920370.5,      81.8,      81.8,       0.0);       (   275184.3,
3920370.5,      81.8,      81.8,       0.0);
  (   275204.3, 3920370.5,      81.8,      81.8,       0.0);       (   275224.3,
3920370.5,      81.8,      81.8,       0.0);
  (   275244.3, 3920370.5,      81.8,      81.8,       0.0);       (   275264.3,
3920370.5,      81.8,      81.8,       0.0);
  (   275284.3, 3920370.5,      81.8,      81.8,       0.0);       (   275304.3,
3920370.5,      81.8,      81.8,       0.0);
  (   275324.3, 3920370.5,      81.8,      81.8,       0.0);       (   275344.3,
3920370.5,      81.8,      81.8,       0.0);
  (   275364.3, 3920370.5,      81.8,      81.8,       0.0);       (   275384.3,
3920370.5,      81.8,      81.8,       0.0);
  (   275404.3, 3920370.5,      81.8,      81.8,       0.0);       (   275424.3,
3920370.5,      81.8,      81.8,       0.0);
  (   275444.3, 3920370.5,      81.8,      81.8,       0.0);       (   275464.3,
3920370.5,      81.8,      81.8,       0.0);
  (   275484.3, 3920370.5,      81.8,      81.8,       0.0);       (   275504.3,
3920370.5,      81.8,      81.8,       0.0);
  (   275524.3, 3920370.5,      81.8,      81.8,       0.0);       (   275544.3,
3920370.5,      81.8,      81.8,       0.0);
  (   275564.3, 3920370.5,      81.8,      81.8,       0.0);       (   275584.3,
3920370.5,      81.8,      81.8,       0.0);
  (   275604.3, 3920370.5,      81.8,      81.8,       0.0);       (   275624.3,
3920370.5,      81.8,      81.8,       0.0);
  (   275644.3, 3920370.5,      81.8,      81.8,       0.0);       (   275664.3,
3920370.5,      81.8,      81.8,       0.0);
  (   275684.3, 3920370.5,      81.7,      81.7,       0.0);       (   275704.3,
3920370.5,      81.7,      81.7,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***       14:33:56

                                  PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          ***  DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

   (   275724.3, 3920370.5,      81.7,      81.7,       0.0);       (   275744.3,
3920370.5,      81.7,      81.7,       0.0);
  (   275764.3, 3920370.5,      81.7,      81.7,       0.0);       (   275784.3,
3920370.5,      81.6,      81.6,       0.0);
  (   275804.3, 3920370.5,      81.6,      81.6,       0.0);       (   275824.3,
3920370.5,      81.6,      81.6,       0.0);
  (   275844.3, 3920370.5,      81.6,      81.6,       0.0);       (   275964.3,
3920370.5,      81.7,      81.7,       0.0);
  (   275984.3, 3920370.5,      81.7,      81.7,       0.0);       (   276004.3,
```

```
3920370.5,      81.7,      81.7,       0.0);
  (    276164.3, 3920370.5,      81.9,      81.9,       0.0);       (    276184.3,
3920370.5,      82.0,      82.0,       0.0);
  (    276204.3, 3920370.5,      82.1,      82.1,       0.0);       (    276224.3,
3920370.5,      82.2,      82.2,       0.0);
  (    276244.3, 3920370.5,      82.3,      82.3,       0.0);       (    276264.3,
3920370.5,      82.4,      82.4,       0.0);
  (    276284.3, 3920370.5,      82.5,      82.5,       0.0);       (    276304.3,
3920370.5,      82.6,      82.6,       0.0);
  (    276324.3, 3920370.5,      82.7,      82.7,       0.0);       (    276344.3,
3920370.5,      82.8,      82.8,       0.0);
  (    276364.3, 3920370.5,      82.8,      82.8,       0.0);       (    276384.3,
3920370.5,      82.9,      82.9,       0.0);
  (    276404.3, 3920370.5,      82.9,      82.9,       0.0);       (    276424.3,
3920370.5,      83.0,      83.0,       0.0);
  (    276444.3, 3920370.5,      83.0,      83.0,       0.0);       (    276464.3,
3920370.5,      83.1,      83.1,       0.0);
  (    276484.3, 3920370.5,      83.1,      83.1,       0.0);       (    276504.3,
3920370.5,      83.1,      83.1,       0.0);
  (    275144.3, 3920390.5,      81.8,      81.8,       0.0);       (    275164.3,
3920390.5,      81.8,      81.8,       0.0);
  (    275184.3, 3920390.5,      81.8,      81.8,       0.0);       (    275204.3,
3920390.5,      81.8,      81.8,       0.0);
  (    275224.3, 3920390.5,      81.8,      81.8,       0.0);       (    275244.3,
3920390.5,      81.8,      81.8,       0.0);
  (    275264.3, 3920390.5,      81.8,      81.8,       0.0);       (    275284.3,
3920390.5,      81.8,      81.8,       0.0);
  (    275304.3, 3920390.5,      81.8,      81.8,       0.0);       (    275324.3,
3920390.5,      81.8,      81.8,       0.0);
  (    275344.3, 3920390.5,      81.8,      81.8,       0.0);       (    275364.3,
3920390.5,      81.8,      81.8,       0.0);
  (    275384.3, 3920390.5,      81.8,      81.8,       0.0);       (    275404.3,
3920390.5,      81.8,      81.8,       0.0);
  (    275424.3, 3920390.5,      81.8,      81.8,       0.0);       (    275444.3,
3920390.5,      81.8,      81.8,       0.0);
  (    275464.3, 3920390.5,      81.8,      81.8,       0.0);       (    275484.3,
3920390.5,      81.8,      81.8,       0.0);
  (    275504.3, 3920390.5,      81.8,      81.8,       0.0);       (    275524.3,
3920390.5,      81.8,      81.8,       0.0);
  (    275544.3, 3920390.5,      81.8,      81.8,       0.0);       (    275564.3,
3920390.5,      81.8,      81.8,       0.0);
  (    275584.3, 3920390.5,      81.8,      81.8,       0.0);       (    275604.3,
3920390.5,      81.8,      81.8,       0.0);
  (    275624.3, 3920390.5,      81.8,      81.8,       0.0);       (    275644.3,
3920390.5,      81.7,      81.7,       0.0);
  (    275664.3, 3920390.5,      81.7,      81.7,       0.0);       (    275684.3,
3920390.5,      81.7,      81.7,       0.0);
  (    275704.3, 3920390.5,      81.7,      81.7,       0.0);       (    275724.3,
3920390.5,      81.7,      81.7,       0.0);
  (    275744.3, 3920390.5,      81.7,      81.7,       0.0);       (    275764.3,
```

```
3920390.5,      81.6,      81.6,       0.0);
  (    275784.3, 3920390.5,      81.6,      81.6,       0.0);       (    275804.3,
3920390.5,      81.6,      81.6,       0.0);
  (    275824.3, 3920390.5,      81.6,      81.6,       0.0);       (    276164.3,
3920390.5,      81.9,      81.9,       0.0);
  (    276184.3, 3920390.5,      82.0,      82.0,       0.0);       (    276204.3,
3920390.5,      82.1,      82.1,       0.0);
  (    276224.3, 3920390.5,      82.2,      82.2,       0.0);       (    276244.3,
3920390.5,      82.3,      82.3,       0.0);
  (    276264.3, 3920390.5,      82.4,      82.4,       0.0);       (    276284.3,
3920390.5,      82.5,      82.5,       0.0);
  (    276304.3, 3920390.5,      82.6,      82.6,       0.0);       (    276324.3,
3920390.5,      82.7,      82.7,       0.0);
  (    276344.3, 3920390.5,      82.7,      82.7,       0.0);       (    276364.3,
3920390.5,      82.8,      82.8,       0.0);
  (    276384.3, 3920390.5,      82.8,      82.8,       0.0);       (    276404.3,
3920390.5,      82.9,      82.9,       0.0);
  (    276424.3, 3920390.5,      83.0,      83.0,       0.0);       (    276444.3,
3920390.5,      83.0,      83.0,       0.0);
  (    276464.3, 3920390.5,      83.1,      83.1,       0.0);       (    276484.3,
3920390.5,      83.1,      83.1,       0.0);
  (    276504.3, 3920390.5,      83.1,      83.1,       0.0);       (    275144.3,
3920410.5,      81.8,      81.8,       0.0);
  (    275164.3, 3920410.5,      81.8,      81.8,       0.0);       (    275184.3,
3920410.5,      81.8,      81.8,       0.0);
  (    275204.3, 3920410.5,      81.8,      81.8,       0.0);       (    275224.3,
3920410.5,      81.8,      81.8,       0.0);
  (    275244.3, 3920410.5,      81.8,      81.8,       0.0);       (    275264.3,
3920410.5,      81.8,      81.8,       0.0);
  (    275284.3, 3920410.5,      81.8,      81.8,       0.0);       (    275304.3,
3920410.5,      81.8,      81.8,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          ***  DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)

   (    275324.3, 3920410.5,      81.8,      81.8,       0.0);       (    275344.3,
3920410.5,      81.8,      81.8,       0.0);
  (    275364.3, 3920410.5,      81.8,      81.8,       0.0);       (    275384.3,
3920410.5,      81.8,      81.8,       0.0);
  (    275404.3, 3920410.5,      81.8,      81.8,       0.0);       (    275424.3,
3920410.5,      81.8,      81.8,       0.0);
```

```
   (   275444.3, 3920410.5,      81.8,      81.8,       0.0);       (   275464.3,
3920410.5,      81.8,      81.8,       0.0);
  (   275484.3, 3920410.5,      81.8,      81.8,       0.0);       (   275504.3,
3920410.5,      81.8,      81.8,       0.0);
  (   275524.3, 3920410.5,      81.8,      81.8,       0.0);       (   275544.3,
3920410.5,      81.8,      81.8,       0.0);
  (   275564.3, 3920410.5,      81.8,      81.8,       0.0);       (   275584.3,
3920410.5,      81.8,      81.8,       0.0);
  (   275604.3, 3920410.5,      81.7,      81.7,       0.0);       (   275624.3,
3920410.5,      81.7,      81.7,       0.0);
  (   275644.3, 3920410.5,      81.7,      81.7,       0.0);       (   275664.3,
3920410.5,      81.7,      81.7,       0.0);
  (   275684.3, 3920410.5,      81.7,      81.7,       0.0);       (   275704.3,
3920410.5,      81.7,      81.7,       0.0);
  (   275724.3, 3920410.5,      81.6,      81.6,       0.0);       (   275744.3,
3920410.5,      81.6,      81.6,       0.0);
  (   275764.3, 3920410.5,      81.6,      81.6,       0.0);       (   275784.3,
3920410.5,      81.6,      81.6,       0.0);
  (   276164.3, 3920410.5,      82.0,      82.0,       0.0);       (   276184.3,
3920410.5,      82.0,      82.0,       0.0);
  (   276204.3, 3920410.5,      82.1,      82.1,       0.0);       (   276224.3,
3920410.5,      82.2,      82.2,       0.0);
  (   276244.3, 3920410.5,      82.3,      82.3,       0.0);       (   276264.3,
3920410.5,      82.4,      82.4,       0.0);
  (   276284.3, 3920410.5,      82.5,      82.5,       0.0);       (   276304.3,
3920410.5,      82.6,      82.6,       0.0);
  (   276324.3, 3920410.5,      82.7,      82.7,       0.0);       (   276344.3,
3920410.5,      82.7,      82.7,       0.0);
  (   276364.3, 3920410.5,      82.8,      82.8,       0.0);       (   276384.3,
3920410.5,      82.8,      82.8,       0.0);
  (   276404.3, 3920410.5,      82.9,      82.9,       0.0);       (   276424.3,
3920410.5,      83.0,      83.0,       0.0);
  (   276444.3, 3920410.5,      83.0,      83.0,       0.0);       (   276464.3,
3920410.5,      83.1,      83.1,       0.0);
  (   276484.3, 3920410.5,      83.1,      83.1,       0.0);       (   276504.3,
3920410.5,      83.1,      83.1,       0.0);
  (   275164.3, 3920430.5,      81.7,      81.7,       0.0);       (   275184.3,
3920430.5,      81.7,      81.7,       0.0);
  (   275204.3, 3920430.5,      81.8,      81.8,       0.0);       (   275224.3,
3920430.5,      81.8,      81.8,       0.0);
  (   275244.3, 3920430.5,      81.8,      81.8,       0.0);       (   275264.3,
3920430.5,      81.8,      81.8,       0.0);
  (   275284.3, 3920430.5,      81.8,      81.8,       0.0);       (   275304.3,
3920430.5,      81.8,      81.8,       0.0);
  (   275324.3, 3920430.5,      81.8,      81.8,       0.0);       (   275344.3,
3920430.5,      81.8,      81.8,       0.0);
  (   275364.3, 3920430.5,      81.8,      81.8,       0.0);       (   275384.3,
3920430.5,      81.8,      81.8,       0.0);
  (   275404.3, 3920430.5,      81.8,      81.8,       0.0);       (   275424.3,
3920430.5,      81.8,      81.8,       0.0);
```

```
   (   275444.3, 3920430.5,      81.8,      81.8,       0.0);       (   275464.3,
3920430.5,      81.8,      81.8,       0.0);
  (   275484.3, 3920430.5,      81.7,      81.7,       0.0);       (   275504.3,
3920430.5,      81.7,      81.7,       0.0);
  (   275524.3, 3920430.5,      81.7,      81.7,       0.0);       (   275544.3,
3920430.5,      81.7,      81.7,       0.0);
  (   275564.3, 3920430.5,      81.7,      81.7,       0.0);       (   275584.3,
3920430.5,      81.7,      81.7,       0.0);
  (   275604.3, 3920430.5,      81.7,      81.7,       0.0);       (   275624.3,
3920430.5,      81.7,      81.7,       0.0);
  (   275644.3, 3920430.5,      81.7,      81.7,       0.0);       (   275664.3,
3920430.5,      81.7,      81.7,       0.0);
  (   275684.3, 3920430.5,      81.7,      81.7,       0.0);       (   275704.3,
3920430.5,      81.6,      81.6,       0.0);
  (   275724.3, 3920430.5,      81.6,      81.6,       0.0);       (   275744.3,
3920430.5,      81.6,      81.6,       0.0);
  (   276164.3, 3920430.5,      82.0,      82.0,       0.0);       (   276184.3,
3920430.5,      82.0,      82.0,       0.0);
  (   276204.3, 3920430.5,      82.1,      82.1,       0.0);       (   276224.3,
3920430.5,      82.2,      82.2,       0.0);
  (   276244.3, 3920430.5,      82.3,      82.3,       0.0);       (   276264.3,
3920430.5,      82.4,      82.4,       0.0);
  (   276284.3, 3920430.5,      82.5,      82.5,       0.0);       (   276304.3,
3920430.5,      82.6,      82.6,       0.0);
  (   276324.3, 3920430.5,      82.6,      82.6,       0.0);       (   276344.3,
3920430.5,      82.7,      82.7,       0.0);
  (   276364.3, 3920430.5,      82.8,      82.8,       0.0);       (   276384.3,
3920430.5,      82.8,      82.8,       0.0);
  (   276404.3, 3920430.5,      82.9,      82.9,       0.0);       (   276424.3,
3920430.5,      82.9,      82.9,       0.0);
  (   276444.3, 3920430.5,      83.0,      83.0,       0.0);       (   276464.3,
3920430.5,      83.1,      83.1,       0.0);
  (   276484.3, 3920430.5,      83.1,      83.1,       0.0);       (   276504.3,
3920430.5,      83.1,      83.1,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***       14:33:56

                                PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                        ***  DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

   (   275164.3, 3920450.5,      81.7,      81.7,       0.0);       (   275184.3,
3920450.5,      81.7,      81.7,       0.0);
  (   275204.3, 3920450.5,      81.7,      81.7,       0.0);       (   275224.3,
```

```
3920450.5,      81.7,      81.7,       0.0);
  (    275244.3, 3920450.5,      81.7,      81.7,       0.0);       (   275264.3,
3920450.5,      81.7,      81.7,       0.0);
  (    275284.3, 3920450.5,      81.7,      81.7,       0.0);       (   275304.3,
3920450.5,      81.7,      81.7,       0.0);
  (    275324.3, 3920450.5,      81.7,      81.7,       0.0);       (   275344.3,
3920450.5,      81.7,      81.7,       0.0);
  (    275364.3, 3920450.5,      81.7,      81.7,       0.0);       (   275384.3,
3920450.5,      81.7,      81.7,       0.0);
  (    275404.3, 3920450.5,      81.7,      81.7,       0.0);       (   275424.3,
3920450.5,      81.7,      81.7,       0.0);
  (    275444.3, 3920450.5,      81.7,      81.7,       0.0);       (   275464.3,
3920450.5,      81.7,      81.7,       0.0);
  (    275484.3, 3920450.5,      81.7,      81.7,       0.0);       (   275504.3,
3920450.5,      81.7,      81.7,       0.0);
  (    275524.3, 3920450.5,      81.7,      81.7,       0.0);       (   275544.3,
3920450.5,      81.7,      81.7,       0.0);
  (    275564.3, 3920450.5,      81.7,      81.7,       0.0);       (   275584.3,
3920450.5,      81.7,      81.7,       0.0);
  (    275604.3, 3920450.5,      81.7,      81.7,       0.0);       (   275624.3,
3920450.5,      81.7,      81.7,       0.0);
  (    275644.3, 3920450.5,      81.7,      81.7,       0.0);       (   275664.3,
3920450.5,      81.6,      81.6,       0.0);
  (    275684.3, 3920450.5,      81.6,      81.6,       0.0);       (   275704.3,
3920450.5,      81.6,      81.6,       0.0);
  (    276164.3, 3920450.5,      82.0,      82.0,       0.0);       (   276184.3,
3920450.5,      82.0,      82.0,       0.0);
  (    276204.3, 3920450.5,      82.1,      82.1,       0.0);       (   276224.3,
3920450.5,      82.2,      82.2,       0.0);
  (    276244.3, 3920450.5,      82.3,      82.3,       0.0);       (   276264.3,
3920450.5,      82.4,      82.4,       0.0);
  (    276284.3, 3920450.5,      82.5,      82.5,       0.0);       (   276304.3,
3920450.5,      82.6,      82.6,       0.0);
  (    276324.3, 3920450.5,      82.6,      82.6,       0.0);       (   276344.3,
3920450.5,      82.7,      82.7,       0.0);
  (    276364.3, 3920450.5,      82.8,      82.8,       0.0);       (   276384.3,
3920450.5,      82.8,      82.8,       0.0);
  (    276404.3, 3920450.5,      82.9,      82.9,       0.0);       (   276424.3,
3920450.5,      82.9,      82.9,       0.0);
  (    276444.3, 3920450.5,      83.0,      83.0,       0.0);       (   276464.3,
3920450.5,      83.0,      83.0,       0.0);
  (    276484.3, 3920450.5,      83.1,      83.1,       0.0);       (   276504.3,
3920450.5,      83.1,      83.1,       0.0);
  (    275184.3, 3920470.5,      81.7,      81.7,       0.0);       (   275204.3,
3920470.5,      81.7,      81.7,       0.0);
  (    275224.3, 3920470.5,      81.7,      81.7,       0.0);       (   275244.3,
3920470.5,      81.7,      81.7,       0.0);
  (    275264.3, 3920470.5,      81.7,      81.7,       0.0);       (   275284.3,
3920470.5,      81.7,      81.7,       0.0);
  (    275304.3, 3920470.5,      81.7,      81.7,       0.0);       (   275324.3,
```

```
3920470.5,      81.7,      81.7,       0.0);
  (    275344.3, 3920470.5,      81.7,      81.7,       0.0);       (   275364.3,
3920470.5,      81.7,      81.7,       0.0);
  (    275384.3, 3920470.5,      81.7,      81.7,       0.0);       (   275404.3,
3920470.5,      81.7,      81.7,       0.0);
  (    275424.3, 3920470.5,      81.7,      81.7,       0.0);       (   275444.3,
3920470.5,      81.7,      81.7,       0.0);
  (    275464.3, 3920470.5,      81.7,      81.7,       0.0);       (   275484.3,
3920470.5,      81.7,      81.7,       0.0);
  (    275504.3, 3920470.5,      81.7,      81.7,       0.0);       (   275524.3,
3920470.5,      81.7,      81.7,       0.0);
  (    275544.3, 3920470.5,      81.7,      81.7,       0.0);       (   275564.3,
3920470.5,      81.7,      81.7,       0.0);
  (    275584.3, 3920470.5,      81.7,      81.7,       0.0);       (   275604.3,
3920470.5,      81.6,      81.6,       0.0);
  (    275624.3, 3920470.5,      81.6,      81.6,       0.0);       (   275644.3,
3920470.5,      81.6,      81.6,       0.0);
  (    276164.3, 3920470.5,      82.0,      82.0,       0.0);       (   276184.3,
3920470.5,      82.0,      82.0,       0.0);
  (    276204.3, 3920470.5,      82.1,      82.1,       0.0);       (   276224.3,
3920470.5,      82.2,      82.2,       0.0);
  (    276244.3, 3920470.5,      82.3,      82.3,       0.0);       (   276264.3,
3920470.5,      82.4,      82.4,       0.0);
  (    276284.3, 3920470.5,      82.5,      82.5,       0.0);       (   276304.3,
3920470.5,      82.6,      82.6,       0.0);
  (    276324.3, 3920470.5,      82.6,      82.6,       0.0);       (   276344.3,
3920470.5,      82.7,      82.7,       0.0);
  (    276364.3, 3920470.5,      82.8,      82.8,       0.0);       (   276384.3,
3920470.5,      82.8,      82.8,       0.0);
  (    276404.3, 3920470.5,      82.9,      82.9,       0.0);       (   276424.3,
3920470.5,      82.9,      82.9,       0.0);
  (    276444.3, 3920470.5,      83.0,      83.0,       0.0);       (   276464.3,
3920470.5,      83.0,      83.0,       0.0);
  (    276484.3, 3920470.5,      83.1,      83.1,       0.0);       (   276504.3,
3920470.5,      83.1,      83.1,       0.0);
  (    275184.3, 3920490.5,      81.7,      81.7,       0.0);       (   275204.3,
3920490.5,      81.7,      81.7,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***       14:33:56

                                  PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          ***   DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)
```

```
   (   275224.3, 3920490.5,      81.7,      81.7,       0.0);       (   275244.3,
3920490.5,      81.7,      81.7,       0.0);
  (   275264.3, 3920490.5,      81.7,      81.7,       0.0);       (   275284.3,
3920490.5,      81.7,      81.7,       0.0);
  (   275304.3, 3920490.5,      81.7,      81.7,       0.0);       (   275324.3,
3920490.5,      81.7,      81.7,       0.0);
  (   275344.3, 3920490.5,      81.7,      81.7,       0.0);       (   275364.3,
3920490.5,      81.7,      81.7,       0.0);
  (   275384.3, 3920490.5,      81.7,      81.7,       0.0);       (   275404.3,
3920490.5,      81.7,      81.7,       0.0);
  (   275424.3, 3920490.5,      81.7,      81.7,       0.0);       (   275444.3,
3920490.5,      81.7,      81.7,       0.0);
  (   275464.3, 3920490.5,      81.7,      81.7,       0.0);       (   275484.3,
3920490.5,      81.7,      81.7,       0.0);
  (   275504.3, 3920490.5,      81.7,      81.7,       0.0);       (   275524.3,
3920490.5,      81.7,      81.7,       0.0);
  (   275544.3, 3920490.5,      81.6,      81.6,       0.0);       (   275564.3,
3920490.5,      81.6,      81.6,       0.0);
  (   275584.3, 3920490.5,      81.6,      81.6,       0.0);       (   276164.3,
3920490.5,      82.0,      82.0,       0.0);
  (   276184.3, 3920490.5,      82.1,      82.1,       0.0);       (   276204.3,
3920490.5,      82.1,      82.1,       0.0);
  (   276224.3, 3920490.5,      82.2,      82.2,       0.0);       (   276244.3,
3920490.5,      82.3,      82.3,       0.0);
  (   276264.3, 3920490.5,      82.4,      82.4,       0.0);       (   276284.3,
3920490.5,      82.5,      82.5,       0.0);
  (   276304.3, 3920490.5,      82.6,      82.6,       0.0);       (   276324.3,
3920490.5,      82.6,      82.6,       0.0);
  (   276344.3, 3920490.5,      82.7,      82.7,       0.0);       (   276364.3,
3920490.5,      82.8,      82.8,       0.0);
  (   276384.3, 3920490.5,      82.8,      82.8,       0.0);       (   276404.3,
3920490.5,      82.9,      82.9,       0.0);
  (   276424.3, 3920490.5,      82.9,      82.9,       0.0);       (   276444.3,
3920490.5,      83.0,      83.0,       0.0);
  (   276464.3, 3920490.5,      83.0,      83.0,       0.0);       (   276484.3,
3920490.5,      83.1,      83.1,       0.0);
  (   276504.3, 3920490.5,      83.1,      83.1,       0.0);       (   275204.3,
3920510.5,      81.7,      81.7,       0.0);
  (   275224.3, 3920510.5,      81.7,      81.7,       0.0);       (   275244.3,
3920510.5,      81.7,      81.7,       0.0);
  (   275264.3, 3920510.5,      81.7,      81.7,       0.0);       (   275284.3,
3920510.5,      81.7,      81.7,       0.0);
  (   275304.3, 3920510.5,      81.7,      81.7,       0.0);       (   275324.3,
3920510.5,      81.7,      81.7,       0.0);
  (   275344.3, 3920510.5,      81.7,      81.7,       0.0);       (   275364.3,
3920510.5,      81.7,      81.7,       0.0);
  (   275384.3, 3920510.5,      81.7,      81.7,       0.0);       (   275404.3,
3920510.5,      81.7,      81.7,       0.0);
  (   275424.3, 3920510.5,      81.7,      81.7,       0.0);       (   275444.3,
3920510.5,      81.6,      81.6,       0.0);
```

```
   (   275464.3, 3920510.5,      81.6,      81.6,       0.0);       (   275484.3,
3920510.5,      81.6,      81.6,       0.0);
  (    275504.3, 3920510.5,      81.6,      81.6,       0.0);       (   275524.3,
3920510.5,      81.6,      81.6,       0.0);
  (    276164.3, 3920510.5,      82.0,      82.0,       0.0);       (   276184.3,
3920510.5,      82.1,      82.1,       0.0);
  (    276204.3, 3920510.5,      82.2,      82.2,       0.0);       (   276224.3,
3920510.5,      82.2,      82.2,       0.0);
  (    276244.3, 3920510.5,      82.3,      82.3,       0.0);       (   276264.3,
3920510.5,      82.4,      82.4,       0.0);
  (    276284.3, 3920510.5,      82.5,      82.5,       0.0);       (   276304.3,
3920510.5,      82.6,      82.6,       0.0);
  (    276324.3, 3920510.5,      82.6,      82.6,       0.0);       (   276344.3,
3920510.5,      82.7,      82.7,       0.0);
  (    276364.3, 3920510.5,      82.7,      82.7,       0.0);       (   276384.3,
3920510.5,      82.8,      82.8,       0.0);
  (    276404.3, 3920510.5,      82.9,      82.9,       0.0);       (   276424.3,
3920510.5,      82.9,      82.9,       0.0);
  (    276444.3, 3920510.5,      83.0,      83.0,       0.0);       (   276464.3,
3920510.5,      83.0,      83.0,       0.0);
  (    276484.3, 3920510.5,      83.0,      83.0,       0.0);       (   276504.3,
3920510.5,      83.1,      83.1,       0.0);
  (    275204.3, 3920530.5,      81.6,      81.6,       0.0);       (   275224.3,
3920530.5,      81.6,      81.6,       0.0);
  (    275244.3, 3920530.5,      81.6,      81.6,       0.0);       (   275264.3,
3920530.5,      81.6,      81.6,       0.0);
  (    275284.3, 3920530.5,      81.6,      81.6,       0.0);       (   275304.3,
3920530.5,      81.7,      81.7,       0.0);
  (    275324.3, 3920530.5,      81.7,      81.7,       0.0);       (   275344.3,
3920530.5,      81.7,      81.7,       0.0);
  (    275364.3, 3920530.5,      81.7,      81.7,       0.0);       (   275384.3,
3920530.5,      81.6,      81.6,       0.0);
  (    275404.3, 3920530.5,      81.6,      81.6,       0.0);       (   275424.3,
3920530.5,      81.6,      81.6,       0.0);
  (    275444.3, 3920530.5,      81.6,      81.6,       0.0);       (   275464.3,
3920530.5,      81.6,      81.6,       0.0);
  (    276164.3, 3920530.5,      82.0,      82.0,       0.0);       (   276184.3,
3920530.5,      82.1,      82.1,       0.0);
  (    276204.3, 3920530.5,      82.2,      82.2,       0.0);       (   276224.3,
3920530.5,      82.3,      82.3,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                  PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          ***   DISCRETE CARTESIAN RECEPTORS ***
```

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 276244.3, 3920530.5, 82.3, 82.3, 0.0); ( 276264.3, 3920530.5, 82.4, 82.4, 0.0);
( 276284.3, 3920530.5, 82.5, 82.5, 0.0); ( 276304.3, 3920530.5, 82.5, 82.5, 0.0);
( 276324.3, 3920530.5, 82.6, 82.6, 0.0); ( 276344.3, 3920530.5, 82.7, 82.7, 0.0);
( 276364.3, 3920530.5, 82.7, 82.7, 0.0); ( 276384.3, 3920530.5, 82.8, 82.8, 0.0);
( 276404.3, 3920530.5, 82.8, 82.8, 0.0); ( 276424.3, 3920530.5, 82.9, 82.9, 0.0);
( 276444.3, 3920530.5, 83.0, 83.0, 0.0); ( 276464.3, 3920530.5, 83.0, 83.0, 0.0);
( 276484.3, 3920530.5, 83.0, 83.0, 0.0); ( 276504.3, 3920530.5, 83.1, 83.1, 0.0);
( 275224.3, 3920550.5, 81.6, 81.6, 0.0); ( 275244.3, 3920550.5, 81.6, 81.6, 0.0);
( 275264.3, 3920550.5, 81.6, 81.6, 0.0); ( 275284.3, 3920550.5, 81.6, 81.6, 0.0);
( 275304.3, 3920550.5, 81.6, 81.6, 0.0); ( 275324.3, 3920550.5, 81.6, 81.6, 0.0);
( 275344.3, 3920550.5, 81.6, 81.6, 0.0); ( 275364.3, 3920550.5, 81.6, 81.6, 0.0);
( 275384.3, 3920550.5, 81.6, 81.6, 0.0); ( 275404.3, 3920550.5, 81.6, 81.6, 0.0);
( 275424.3, 3920550.5, 81.6, 81.6, 0.0); ( 276164.3, 3920550.5, 82.1, 82.1, 0.0);
( 276184.3, 3920550.5, 82.1, 82.1, 0.0); ( 276204.3, 3920550.5, 82.2, 82.2, 0.0);
( 276224.3, 3920550.5, 82.3, 82.3, 0.0); ( 276244.3, 3920550.5, 82.3, 82.3, 0.0);
( 276264.3, 3920550.5, 82.4, 82.4, 0.0); ( 276284.3, 3920550.5, 82.5, 82.5, 0.0);
( 276304.3, 3920550.5, 82.5, 82.5, 0.0); ( 276324.3, 3920550.5, 82.6, 82.6, 0.0);
( 276344.3, 3920550.5, 82.6, 82.6, 0.0); ( 276364.3, 3920550.5, 82.7, 82.7, 0.0);
( 276384.3, 3920550.5, 82.8, 82.8, 0.0); ( 276404.3, 3920550.5, 82.8, 82.8, 0.0);
( 276424.3, 3920550.5, 82.9, 82.9, 0.0); ( 276444.3, 3920550.5, 82.9, 82.9, 0.0);
( 276464.3, 3920550.5, 83.0, 83.0, 0.0); ( 276484.3, 3920550.5, 83.0, 83.0, 0.0);
( 276504.3, 3920550.5, 83.1, 83.1, 0.0); ( 275224.3, 3920570.5, 81.6, 81.6, 0.0);
( 275244.3, 3920570.5, 81.6, 81.6, 0.0); ( 275264.3, 3920570.5, 81.6, 81.6, 0.0);
( 275284.3, 3920570.5, 81.6, 81.6, 0.0); ( 275304.3,

```
3920570.5,      81.6,      81.6,       0.0);
  (    275324.3, 3920570.5,      81.6,      81.6,       0.0);       (    275344.3,
3920570.5,      81.6,      81.6,       0.0);
  (    275364.3, 3920570.5,      81.6,      81.6,       0.0);       (    276164.3,
3920570.5,      82.1,      82.1,       0.0);
  (    276184.3, 3920570.5,      82.1,      82.1,       0.0);       (    276204.3,
3920570.5,      82.2,      82.2,       0.0);
  (    276224.3, 3920570.5,      82.3,      82.3,       0.0);       (    276244.3,
3920570.5,      82.3,      82.3,       0.0);
  (    276264.3, 3920570.5,      82.4,      82.4,       0.0);       (    276284.3,
3920570.5,      82.5,      82.5,       0.0);
  (    276304.3, 3920570.5,      82.5,      82.5,       0.0);       (    276324.3,
3920570.5,      82.6,      82.6,       0.0);
  (    276344.3, 3920570.5,      82.6,      82.6,       0.0);       (    276364.3,
3920570.5,      82.7,      82.7,       0.0);
  (    276384.3, 3920570.5,      82.7,      82.7,       0.0);       (    276404.3,
3920570.5,      82.8,      82.8,       0.0);
  (    276424.3, 3920570.5,      82.9,      82.9,       0.0);       (    276444.3,
3920570.5,      82.9,      82.9,       0.0);
  (    276464.3, 3920570.5,      83.0,      83.0,       0.0);       (    276484.3,
3920570.5,      83.0,      83.0,       0.0);
  (    276504.3, 3920570.5,      83.1,      83.1,       0.0);       (    275264.3,
3920590.5,      81.5,      81.5,       0.0);
  (    275284.3, 3920590.5,      81.5,      81.5,       0.0);       (    275304.3,
3920590.5,      81.6,      81.6,       0.0);
  (    276164.3, 3920590.5,      82.1,      82.1,       0.0);       (    276184.3,
3920590.5,      82.2,      82.2,       0.0);
  (    276204.3, 3920590.5,      82.2,      82.2,       0.0);       (    276224.3,
3920590.5,      82.3,      82.3,       0.0);
  (    276244.3, 3920590.5,      82.3,      82.3,       0.0);       (    276264.3,
3920590.5,      82.4,      82.4,       0.0);
  (    276284.3, 3920590.5,      82.5,      82.5,       0.0);       (    276304.3,
3920590.5,      82.5,      82.5,       0.0);
  (    276324.3, 3920590.5,      82.6,      82.6,       0.0);       (    276344.3,
3920590.5,      82.6,      82.6,       0.0);
  (    276364.3, 3920590.5,      82.7,      82.7,       0.0);       (    276384.3,
3920590.5,      82.7,      82.7,       0.0);
  (    276404.3, 3920590.5,      82.8,      82.8,       0.0);       (    276424.3,
3920590.5,      82.8,      82.8,       0.0);
  (    276444.3, 3920590.5,      82.9,      82.9,       0.0);       (    276464.3,
3920590.5,      83.0,      83.0,       0.0);
  (    276484.3, 3920590.5,      83.0,      83.0,       0.0);       (    276504.3,
3920590.5,      83.1,      83.1,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***       14:33:56

                                PAGE  35
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 276164.3, 3920610.5, 82.1, 82.1, 0.0); ( 276184.3, 3920610.5, 82.2, 82.2, 0.0);
( 276204.3, 3920610.5, 82.2, 82.2, 0.0); ( 289218.4, 3919732.3, 92.4, 92.4, 0.0);
( 289268.4, 3919732.3, 92.4, 92.4, 0.0); ( 289318.4, 3919732.3, 92.6, 92.6, 0.0);
( 289368.4, 3919732.3, 92.8, 92.8, 0.0); ( 289418.4, 3919732.3, 92.9, 92.9, 0.0);
( 289468.4, 3919732.3, 93.1, 93.1, 0.0); ( 289518.4, 3919732.3, 93.2, 93.2, 0.0);
( 289568.4, 3919732.3, 93.3, 93.3, 0.0); ( 289618.4, 3919732.3, 93.4, 93.4, 0.0);
( 289668.4, 3919732.3, 93.5, 93.5, 0.0); ( 289718.4, 3919732.3, 93.6, 93.6, 0.0);
( 289768.4, 3919732.3, 93.7, 93.7, 0.0); ( 289818.4, 3919732.3, 93.7, 93.7, 0.0);
( 289868.4, 3919732.3, 93.8, 93.8, 0.0); ( 289918.4, 3919732.3, 94.0, 94.0, 0.0);
( 289968.4, 3919732.3, 93.9, 93.9, 0.0); ( 290018.4, 3919732.3, 93.8, 93.8, 0.0);
( 290068.4, 3919732.3, 93.9, 93.9, 0.0); ( 290118.4, 3919732.3, 94.1, 94.1, 0.0);
( 290168.4, 3919732.3, 94.3, 94.3, 0.0); ( 290218.4, 3919732.3, 94.5, 94.5, 0.0);
( 290268.4, 3919732.3, 94.6, 94.6, 0.0); ( 290318.4, 3919732.3, 94.7, 94.7, 0.0);
( 290368.4, 3919732.3, 94.9, 94.9, 0.0); ( 290418.4, 3919732.3, 95.0, 95.0, 0.0);
( 290468.4, 3919732.3, 95.1, 95.1, 0.0); ( 290518.4, 3919732.3, 95.2, 95.2, 0.0);
( 290568.4, 3919732.3, 95.2, 95.2, 0.0); ( 290618.4, 3919732.3, 95.3, 95.3, 0.0);
( 289018.4, 3919782.3, 92.3, 92.3, 0.0); ( 289068.4, 3919782.3, 92.3, 92.3, 0.0);
( 289118.4, 3919782.3, 92.4, 92.4, 0.0); ( 289168.4, 3919782.3, 92.5, 92.5, 0.0);
( 289218.4, 3919782.3, 92.5, 92.5, 0.0); ( 289268.4, 3919782.3, 92.5, 92.5, 0.0);
( 289318.4, 3919782.3, 92.7, 92.7, 0.0); ( 289368.4, 3919782.3, 92.8, 92.8, 0.0);
( 289418.4, 3919782.3, 93.0, 93.0, 0.0); ( 289468.4, 3919782.3, 93.1, 93.1, 0.0);
( 289518.4, 3919782.3, 93.3, 93.3, 0.0); ( 289568.4, 3919782.3, 93.4, 93.4, 0.0);

```
   (   289618.4, 3919782.3,      93.5,      93.5,       0.0);       (   289668.4,
3919782.3,      93.5,      93.5,       0.0);
  (   289718.4, 3919782.3,      93.6,      93.6,       0.0);       (   289768.4,
3919782.3,      93.7,      93.7,       0.0);
  (   289818.4, 3919782.3,      93.8,      93.8,       0.0);       (   289868.4,
3919782.3,      93.9,      93.9,       0.0);
  (   289918.4, 3919782.3,      94.0,      94.0,       0.0);       (   289968.4,
3919782.3,      94.0,      94.0,       0.0);
  (   290018.4, 3919782.3,      93.9,      93.9,       0.0);       (   290068.4,
3919782.3,      94.0,      94.0,       0.0);
  (   290118.4, 3919782.3,      94.2,      94.2,       0.0);       (   290168.4,
3919782.3,      94.4,      94.4,       0.0);
  (   290218.4, 3919782.3,      94.5,      94.5,       0.0);       (   290268.4,
3919782.3,      94.7,      94.7,       0.0);
  (   290318.4, 3919782.3,      94.8,      94.8,       0.0);       (   290368.4,
3919782.3,      94.9,      94.9,       0.0);
  (   290418.4, 3919782.3,      95.1,      95.1,       0.0);       (   290468.4,
3919782.3,      95.2,      95.2,       0.0);
  (   290518.4, 3919782.3,      95.3,      95.3,       0.0);       (   290568.4,
3919782.3,      95.3,      95.3,       0.0);
  (   290618.4, 3919782.3,      95.3,      95.3,       0.0);       (   289068.4,
3919832.3,      92.4,      92.4,       0.0);
  (   289118.4, 3919832.3,      92.5,      92.5,       0.0);       (   289168.4,
3919832.3,      92.5,      92.5,       0.0);
  (   289218.4, 3919832.3,      92.6,      92.6,       0.0);       (   289268.4,
3919832.3,      92.6,      92.6,       0.0);
  (   289318.4, 3919832.3,      92.8,      92.8,       0.0);       (   289368.4,
3919832.3,      92.9,      92.9,       0.0);
  (   289418.4, 3919832.3,      93.1,      93.1,       0.0);       (   289468.4,
3919832.3,      93.2,      93.2,       0.0);
  (   289518.4, 3919832.3,      93.3,      93.3,       0.0);       (   289568.4,
3919832.3,      93.4,      93.4,       0.0);
  (   289618.4, 3919832.3,      93.5,      93.5,       0.0);       (   289668.4,
3919832.3,      93.6,      93.6,       0.0);
  (   289718.4, 3919832.3,      93.6,      93.6,       0.0);       (   289768.4,
3919832.3,      93.7,      93.7,       0.0);
  (   289818.4, 3919832.3,      93.8,      93.8,       0.0);       (   289868.4,
3919832.3,      93.8,      93.8,       0.0);
  (   289918.4, 3919832.3,      93.8,      93.8,       0.0);       (   289968.4,
3919832.3,      94.0,      94.0,       0.0);
  (   290018.4, 3919832.3,      94.1,      94.1,       0.0);       (   290068.4,
3919832.3,      94.3,      94.3,       0.0);
  (   290118.4, 3919832.3,      94.5,      94.5,       0.0);       (   290168.4,
3919832.3,      94.6,      94.6,       0.0);
  (   290218.4, 3919832.3,      94.7,      94.7,       0.0);       (   290268.4,
3919832.3,      94.8,      94.8,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 290318.4, 3919832.3, 94.9, 94.9, 0.0); ( 290368.4, 3919832.3, 95.0, 95.0, 0.0);
( 290418.4, 3919832.3, 95.2, 95.2, 0.0); ( 290468.4, 3919832.3, 95.2, 95.2, 0.0);
( 290518.4, 3919832.3, 95.3, 95.3, 0.0); ( 290568.4, 3919832.3, 95.3, 95.3, 0.0);
( 290618.4, 3919832.3, 95.3, 95.3, 0.0); ( 289068.4, 3919882.3, 92.5, 92.5, 0.0);
( 289118.4, 3919882.3, 92.5, 92.5, 0.0); ( 289168.4, 3919882.3, 92.6, 92.6, 0.0);
( 289218.4, 3919882.3, 92.6, 92.6, 0.0); ( 289268.4, 3919882.3, 92.7, 92.7, 0.0);
( 289318.4, 3919882.3, 92.8, 92.8, 0.0); ( 289368.4, 3919882.3, 93.0, 93.0, 0.0);
( 289418.4, 3919882.3, 93.1, 93.1, 0.0); ( 289468.4, 3919882.3, 93.3, 93.3, 0.0);
( 289518.4, 3919882.3, 93.4, 93.4, 0.0); ( 289568.4, 3919882.3, 93.5, 93.5, 0.0);
( 289618.4, 3919882.3, 93.6, 93.6, 0.0); ( 289668.4, 3919882.3, 93.6, 93.6, 0.0);
( 289718.4, 3919882.3, 93.7, 93.7, 0.0); ( 289768.4, 3919882.3, 93.7, 93.7, 0.0);
( 289818.4, 3919882.3, 93.7, 93.7, 0.0); ( 289868.4, 3919882.3, 93.8, 93.8, 0.0);
( 289918.4, 3919882.3, 93.8, 93.8, 0.0); ( 289968.4, 3919882.3, 94.1, 94.1, 0.0);
( 290018.4, 3919882.3, 94.4, 94.4, 0.0); ( 290068.4, 3919882.3, 94.7, 94.7, 0.0);
( 290118.4, 3919882.3, 94.8, 94.8, 0.0); ( 290168.4, 3919882.3, 94.8, 94.8, 0.0);
( 290218.4, 3919882.3, 94.8, 94.8, 0.0); ( 290268.4, 3919882.3, 94.9, 94.9, 0.0);
( 290318.4, 3919882.3, 95.0, 95.0, 0.0); ( 290368.4, 3919882.3, 95.1, 95.1, 0.0);
( 290418.4, 3919882.3, 95.2, 95.2, 0.0); ( 290468.4, 3919882.3, 95.3, 95.3, 0.0);
( 290518.4, 3919882.3, 95.3, 95.3, 0.0); ( 290568.4, 3919882.3, 95.4, 95.4, 0.0);
( 290618.4, 3919882.3, 95.4, 95.4, 0.0); ( 289068.4, 3919932.3, 92.5, 92.5, 0.0);
( 289118.4, 3919932.3, 92.6, 92.6, 0.0); ( 289168.4,

```
3919932.3,      92.6,      92.6,       0.0);
  (    289218.4, 3919932.3,      92.7,      92.7,       0.0);       (    289268.4,
3919932.3,      92.8,      92.8,       0.0);
  (    289318.4, 3919932.3,      92.9,      92.9,       0.0);       (    289368.4,
3919932.3,      93.0,      93.0,       0.0);
  (    289418.4, 3919932.3,      93.2,      93.2,       0.0);       (    289468.4,
3919932.3,      93.3,      93.3,       0.0);
  (    289518.4, 3919932.3,      93.5,      93.5,       0.0);       (    289568.4,
3919932.3,      93.6,      93.6,       0.0);
  (    289618.4, 3919932.3,      93.7,      93.7,       0.0);       (    289668.4,
3919932.3,      93.7,      93.7,       0.0);
  (    289718.4, 3919932.3,      93.8,      93.8,       0.0);       (    289768.4,
3919932.3,      93.8,      93.8,       0.0);
  (    289818.4, 3919932.3,      93.8,      93.8,       0.0);       (    289868.4,
3919932.3,      93.9,      93.9,       0.0);
  (    289918.4, 3919932.3,      94.0,      94.0,       0.0);       (    289968.4,
3919932.3,      94.4,      94.4,       0.0);
  (    290018.4, 3919932.3,      94.8,      94.8,       0.0);       (    290068.4,
3919932.3,      95.1,      95.1,       0.0);
  (    290118.4, 3919932.3,      95.0,      95.0,       0.0);       (    290168.4,
3919932.3,      95.0,      95.0,       0.0);
  (    290218.4, 3919932.3,      95.0,      95.0,       0.0);       (    290268.4,
3919932.3,      95.0,      95.0,       0.0);
  (    290318.4, 3919932.3,      95.0,      95.0,       0.0);       (    290368.4,
3919932.3,      95.1,      95.1,       0.0);
  (    290418.4, 3919932.3,      95.2,      95.2,       0.0);       (    290468.4,
3919932.3,      95.3,      95.3,       0.0);
  (    290518.4, 3919932.3,      95.3,      95.3,       0.0);       (    290568.4,
3919932.3,      95.3,      95.3,       0.0);
  (    290618.4, 3919932.3,      95.4,      95.4,       0.0);       (    289068.4,
3919982.3,      92.6,      92.6,       0.0);
  (    289118.4, 3919982.3,      92.6,      92.6,       0.0);       (    289168.4,
3919982.3,      92.7,      92.7,       0.0);
  (    289218.4, 3919982.3,      92.8,      92.8,       0.0);       (    289268.4,
3919982.3,      92.8,      92.8,       0.0);
  (    289318.4, 3919982.3,      93.0,      93.0,       0.0);       (    289368.4,
3919982.3,      93.1,      93.1,       0.0);
  (    289418.4, 3919982.3,      93.2,      93.2,       0.0);       (    289468.4,
3919982.3,      93.4,      93.4,       0.0);
  (    289518.4, 3919982.3,      93.5,      93.5,       0.0);       (    289568.4,
3919982.3,      93.7,      93.7,       0.0);
  (    289618.4, 3919982.3,      93.8,      93.8,       0.0);       (    289668.4,
3919982.3,      93.8,      93.8,       0.0);
  (    289718.4, 3919982.3,      93.8,      93.8,       0.0);       (    289768.4,
3919982.3,      93.9,      93.9,       0.0);
  (    289818.4, 3919982.3,      93.9,      93.9,       0.0);       (    289868.4,
3919982.3,      94.0,      94.0,       0.0);
  (    289918.4, 3919982.3,      94.2,      94.2,       0.0);       (    289968.4,
3919982.3,      94.6,      94.6,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 290018.4, 3919982.3, 95.1, 95.1, 0.0); ( 290068.4, 3919982.3, 95.3, 95.3, 0.0);
( 290118.4, 3919982.3, 95.2, 95.2, 0.0); ( 290168.4, 3919982.3, 95.1, 95.1, 0.0);
( 290218.4, 3919982.3, 95.2, 95.2, 0.0); ( 290268.4, 3919982.3, 95.2, 95.2, 0.0);
( 290318.4, 3919982.3, 95.2, 95.2, 0.0); ( 290368.4, 3919982.3, 95.2, 95.2, 0.0);
( 290418.4, 3919982.3, 95.2, 95.2, 0.0); ( 290468.4, 3919982.3, 95.2, 95.2, 0.0);
( 290518.4, 3919982.3, 95.2, 95.2, 0.0); ( 290568.4, 3919982.3, 95.3, 95.3, 0.0);
( 290618.4, 3919982.3, 95.3, 95.3, 0.0); ( 289068.4, 3920032.3, 92.6, 92.6, 0.0);
( 289118.4, 3920032.3, 92.7, 92.7, 0.0); ( 289168.4, 3920032.3, 92.7, 92.7, 0.0);
( 289218.4, 3920032.3, 92.8, 92.8, 0.0); ( 289268.4, 3920032.3, 92.9, 92.9, 0.0);
( 289318.4, 3920032.3, 93.0, 93.0, 0.0); ( 289368.4, 3920032.3, 93.1, 93.1, 0.0);
( 289418.4, 3920032.3, 93.2, 93.2, 0.0); ( 289468.4, 3920032.3, 93.4, 93.4, 0.0);
( 289518.4, 3920032.3, 93.5, 93.5, 0.0); ( 289568.4, 3920032.3, 93.7, 93.7, 0.0);
( 289618.4, 3920032.3, 93.8, 93.8, 0.0); ( 289668.4, 3920032.3, 93.9, 93.9, 0.0);
( 289718.4, 3920032.3, 93.9, 93.9, 0.0); ( 289768.4, 3920032.3, 93.9, 93.9, 0.0);
( 289818.4, 3920032.3, 94.0, 94.0, 0.0); ( 289868.4, 3920032.3, 94.1, 94.1, 0.0);
( 289918.4, 3920032.3, 94.3, 94.3, 0.0); ( 289968.4, 3920032.3, 94.8, 94.8, 0.0);
( 290018.4, 3920032.3, 95.2, 95.2, 0.0); ( 290068.4, 3920032.3, 95.3, 95.3, 0.0);
( 290118.4, 3920032.3, 95.3, 95.3, 0.0); ( 290168.4, 3920032.3, 95.3, 95.3, 0.0);
( 290218.4, 3920032.3, 95.3, 95.3, 0.0); ( 290268.4, 3920032.3, 95.3, 95.3, 0.0);

```
   (   290318.4, 3920032.3,      95.3,      95.3,       0.0);       (   290368.4,
3920032.3,      95.3,      95.3,       0.0);
  (    290418.4, 3920032.3,      95.3,      95.3,       0.0);       (   290468.4,
3920032.3,      95.3,      95.3,       0.0);
  (    290518.4, 3920032.3,      95.3,      95.3,       0.0);       (   290568.4,
3920032.3,      95.3,      95.3,       0.0);
  (    290618.4, 3920032.3,      95.3,      95.3,       0.0);       (   289068.4,
3920082.3,      92.7,      92.7,       0.0);
  (    289118.4, 3920082.3,      92.7,      92.7,       0.0);       (   289168.4,
3920082.3,      92.8,      92.8,       0.0);
  (    289218.4, 3920082.3,      92.9,      92.9,       0.0);       (   289268.4,
3920082.3,      92.9,      92.9,       0.0);
  (    289318.4, 3920082.3,      93.0,      93.0,       0.0);       (   289368.4,
3920082.3,      93.1,      93.1,       0.0);
  (    289418.4, 3920082.3,      93.3,      93.3,       0.0);       (   289468.4,
3920082.3,      93.4,      93.4,       0.0);
  (    289518.4, 3920082.3,      93.5,      93.5,       0.0);       (   289568.4,
3920082.3,      93.6,      93.6,       0.0);
  (    289618.4, 3920082.3,      93.7,      93.7,       0.0);       (   289668.4,
3920082.3,      93.8,      93.8,       0.0);
  (    289718.4, 3920082.3,      93.8,      93.8,       0.0);       (   289768.4,
3920082.3,      93.8,      93.8,       0.0);
  (    289818.4, 3920082.3,      93.9,      93.9,       0.0);       (   289868.4,
3920082.3,      94.1,      94.1,       0.0);
  (    289918.4, 3920082.3,      94.4,      94.4,       0.0);       (   289968.4,
3920082.3,      94.7,      94.7,       0.0);
  (    290018.4, 3920082.3,      95.0,      95.0,       0.0);       (   290068.4,
3920082.3,      95.2,      95.2,       0.0);
  (    290118.4, 3920082.3,      95.2,      95.2,       0.0);       (   290168.4,
3920082.3,      95.2,      95.2,       0.0);
  (    290218.4, 3920082.3,      95.3,      95.3,       0.0);       (   290268.4,
3920082.3,      95.3,      95.3,       0.0);
  (    290318.4, 3920082.3,      95.3,      95.3,       0.0);       (   290368.4,
3920082.3,      95.3,      95.3,       0.0);
  (    290418.4, 3920082.3,      95.3,      95.3,       0.0);       (   290468.4,
3920082.3,      95.3,      95.3,       0.0);
  (    290518.4, 3920082.3,      95.3,      95.3,       0.0);       (   290568.4,
3920082.3,      95.3,      95.3,       0.0);
  (    290618.4, 3920082.3,      95.3,      95.3,       0.0);       (   289068.4,
3920132.3,      92.7,      92.7,       0.0);
  (    289118.4, 3920132.3,      92.8,      92.8,       0.0);       (   289168.4,
3920132.3,      92.8,      92.8,       0.0);
  (    289218.4, 3920132.3,      92.9,      92.9,       0.0);       (   289268.4,
3920132.3,      93.0,      93.0,       0.0);
  (    289318.4, 3920132.3,      93.1,      93.1,       0.0);       (   289368.4,
3920132.3,      93.2,      93.2,       0.0);
  (    289418.4, 3920132.3,      93.3,      93.3,       0.0);       (   289468.4,
3920132.3,      93.4,      93.4,       0.0);
  (    289518.4, 3920132.3,      93.5,      93.5,       0.0);       (   289568.4,
3920132.3,      93.6,      93.6,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 289718.4, 3920132.3, 93.8, 93.8, 0.0); ( 289768.4, 3920132.3, 93.8, 93.8, 0.0);
( 289818.4, 3920132.3, 93.9, 93.9, 0.0); ( 289868.4, 3920132.3, 94.1, 94.1, 0.0);
( 289918.4, 3920132.3, 94.3, 94.3, 0.0); ( 289968.4, 3920132.3, 94.5, 94.5, 0.0);
( 290018.4, 3920132.3, 94.8, 94.8, 0.0); ( 290068.4, 3920132.3, 95.0, 95.0, 0.0);
( 290118.4, 3920132.3, 95.0, 95.0, 0.0); ( 290168.4, 3920132.3, 95.1, 95.1, 0.0);
( 290218.4, 3920132.3, 95.1, 95.1, 0.0); ( 290268.4, 3920132.3, 95.1, 95.1, 0.0);
( 290318.4, 3920132.3, 95.2, 95.2, 0.0); ( 290368.4, 3920132.3, 95.2, 95.2, 0.0);
( 290418.4, 3920132.3, 95.2, 95.2, 0.0); ( 290468.4, 3920132.3, 95.2, 95.2, 0.0);
( 290518.4, 3920132.3, 95.3, 95.3, 0.0); ( 290568.4, 3920132.3, 95.3, 95.3, 0.0);
( 290618.4, 3920132.3, 95.3, 95.3, 0.0); ( 289068.4, 3920182.3, 92.8, 92.8, 0.0);
( 289118.4, 3920182.3, 92.8, 92.8, 0.0); ( 289168.4, 3920182.3, 92.9, 92.9, 0.0);
( 289218.4, 3920182.3, 93.0, 93.0, 0.0); ( 289268.4, 3920182.3, 93.0, 93.0, 0.0);
( 289318.4, 3920182.3, 93.1, 93.1, 0.0); ( 289368.4, 3920182.3, 93.2, 93.2, 0.0);
( 289418.4, 3920182.3, 93.3, 93.3, 0.0); ( 289468.4, 3920182.3, 93.4, 93.4, 0.0);
( 289518.4, 3920182.3, 93.5, 93.5, 0.0); ( 289568.4, 3920182.3, 93.6, 93.6, 0.0);
( 289618.4, 3920182.3, 93.7, 93.7, 0.0); ( 289668.4, 3920182.3, 93.8, 93.8, 0.0);
( 289718.4, 3920182.3, 93.9, 93.9, 0.0); ( 289768.4, 3920182.3, 93.9, 93.9, 0.0);
( 289818.4, 3920182.3, 94.0, 94.0, 0.0); ( 289868.4,

```
3920182.3,      94.0,      94.0,       0.0);
  (    289918.4, 3920182.3,      94.2,      94.2,       0.0);       (    289968.4,
3920182.3,      94.4,      94.4,       0.0);
  (    290018.4, 3920182.3,      94.6,      94.6,       0.0);       (    290068.4,
3920182.3,      94.7,      94.7,       0.0);
  (    290118.4, 3920182.3,      94.8,      94.8,       0.0);       (    290168.4,
3920182.3,      94.9,      94.9,       0.0);
  (    290218.4, 3920182.3,      95.0,      95.0,       0.0);       (    290268.4,
3920182.3,      95.0,      95.0,       0.0);
  (    290318.4, 3920182.3,      95.1,      95.1,       0.0);       (    290368.4,
3920182.3,      95.1,      95.1,       0.0);
  (    290418.4, 3920182.3,      95.1,      95.1,       0.0);       (    290468.4,
3920182.3,      95.2,      95.2,       0.0);
  (    290518.4, 3920182.3,      95.2,      95.2,       0.0);       (    290568.4,
3920182.3,      95.3,      95.3,       0.0);
  (    290618.4, 3920182.3,      95.3,      95.3,       0.0);       (    289068.4,
3920232.3,      92.8,      92.8,       0.0);
  (    289118.4, 3920232.3,      92.8,      92.8,       0.0);       (    289168.4,
3920232.3,      92.9,      92.9,       0.0);
  (    289218.4, 3920232.3,      93.0,      93.0,       0.0);       (    289268.4,
3920232.3,      93.1,      93.1,       0.0);
  (    289318.4, 3920232.3,      93.1,      93.1,       0.0);       (    289368.4,
3920232.3,      93.2,      93.2,       0.0);
  (    289418.4, 3920232.3,      93.3,      93.3,       0.0);       (    289468.4,
3920232.3,      93.4,      93.4,       0.0);
  (    289518.4, 3920232.3,      93.5,      93.5,       0.0);       (    289568.4,
3920232.3,      93.6,      93.6,       0.0);
  (    289618.4, 3920232.3,      93.7,      93.7,       0.0);       (    289668.4,
3920232.3,      93.7,      93.7,       0.0);
  (    289718.4, 3920232.3,      93.8,      93.8,       0.0);       (    289768.4,
3920232.3,      93.8,      93.8,       0.0);
  (    289818.4, 3920232.3,      93.8,      93.8,       0.0);       (    289868.4,
3920232.3,      93.9,      93.9,       0.0);
  (    289918.4, 3920232.3,      94.0,      94.0,       0.0);       (    289968.4,
3920232.3,      94.2,      94.2,       0.0);
  (    290018.4, 3920232.3,      94.4,      94.4,       0.0);       (    290068.4,
3920232.3,      94.6,      94.6,       0.0);
  (    290118.4, 3920232.3,      94.7,      94.7,       0.0);       (    290168.4,
3920232.3,      94.8,      94.8,       0.0);
  (    290218.4, 3920232.3,      94.8,      94.8,       0.0);       (    290268.4,
3920232.3,      94.9,      94.9,       0.0);
  (    290318.4, 3920232.3,      95.0,      95.0,       0.0);       (    290368.4,
3920232.3,      95.1,      95.1,       0.0);
  (    290418.4, 3920232.3,      95.2,      95.2,       0.0);       (    290468.4,
3920232.3,      95.3,      95.3,       0.0);
  (    290518.4, 3920232.3,      95.3,      95.3,       0.0);       (    290568.4,
3920232.3,      95.3,      95.3,       0.0);
  (    290618.4, 3920232.3,      95.3,      95.3,       0.0);       (    289068.4,
3920282.3,      92.8,      92.8,       0.0);
  (    289118.4, 3920282.3,      92.9,      92.9,       0.0);       (    289168.4,
```

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

   (    289418.4, 3920282.3,      93.3,      93.3,       0.0);       (   289468.4,
3920282.3,      93.4,      93.4,       0.0);
  (    289518.4, 3920282.3,      93.5,      93.5,       0.0);       (   289568.4,
3920282.3,      93.5,      93.5,       0.0);
  (    289618.4, 3920282.3,      93.6,      93.6,       0.0);       (   289668.4,
3920282.3,      93.6,      93.6,       0.0);
  (    289718.4, 3920282.3,      93.7,      93.7,       0.0);       (   289768.4,
3920282.3,      93.7,      93.7,       0.0);
  (    289818.4, 3920282.3,      93.7,      93.7,       0.0);       (   289868.4,
3920282.3,      93.8,      93.8,       0.0);
  (    289918.4, 3920282.3,      93.9,      93.9,       0.0);       (   289968.4,
3920282.3,      94.1,      94.1,       0.0);
  (    290018.4, 3920282.3,      94.3,      94.3,       0.0);       (   290068.4,
3920282.3,      94.5,      94.5,       0.0);
  (    290118.4, 3920282.3,      94.6,      94.6,       0.0);       (   290168.4,
3920282.3,      94.7,      94.7,       0.0);
  (    290218.4, 3920282.3,      94.8,      94.8,       0.0);       (   290268.4,
3920282.3,      94.8,      94.8,       0.0);
  (    290318.4, 3920282.3,      95.0,      95.0,       0.0);       (   290368.4,
3920282.3,      95.1,      95.1,       0.0);
  (    290418.4, 3920282.3,      95.2,      95.2,       0.0);       (   290468.4,
3920282.3,      95.3,      95.3,       0.0);
  (    290518.4, 3920282.3,      95.3,      95.3,       0.0);       (   290568.4,
3920282.3,      95.3,      95.3,       0.0);
  (    290618.4, 3920282.3,      95.3,      95.3,       0.0);       (   289068.4,
3920332.3,      92.9,      92.9,       0.0);
  (    289118.4, 3920332.3,      92.9,      92.9,       0.0);       (   289168.4,
3920332.3,      93.0,      93.0,       0.0);
  (    289218.4, 3920332.3,      93.1,      93.1,       0.0);       (   289268.4,
3920332.3,      93.1,      93.1,       0.0);
  (    289318.4, 3920332.3,      93.2,      93.2,       0.0);       (   289368.4,
3920332.3,      93.3,      93.3,       0.0);

```
   (   289418.4, 3920332.3,      93.3,      93.3,       0.0);       (   289468.4,
3920332.3,      93.4,      93.4,       0.0);
  (   289518.4, 3920332.3,      93.5,      93.5,       0.0);       (   289568.4,
3920332.3,      93.5,      93.5,       0.0);
  (   289618.4, 3920332.3,      93.5,      93.5,       0.0);       (   289668.4,
3920332.3,      93.6,      93.6,       0.0);
  (   289718.4, 3920332.3,      93.6,      93.6,       0.0);       (   289768.4,
3920332.3,      93.7,      93.7,       0.0);
  (   289818.4, 3920332.3,      93.7,      93.7,       0.0);       (   289868.4,
3920332.3,      93.8,      93.8,       0.0);
  (   289918.4, 3920332.3,      93.8,      93.8,       0.0);       (   289968.4,
3920332.3,      94.0,      94.0,       0.0);
  (   290018.4, 3920332.3,      94.2,      94.2,       0.0);       (   290068.4,
3920332.3,      94.4,      94.4,       0.0);
  (   290118.4, 3920332.3,      94.5,      94.5,       0.0);       (   290168.4,
3920332.3,      94.6,      94.6,       0.0);
  (   290218.4, 3920332.3,      94.7,      94.7,       0.0);       (   290268.4,
3920332.3,      94.8,      94.8,       0.0);
  (   290318.4, 3920332.3,      95.0,      95.0,       0.0);       (   290368.4,
3920332.3,      95.1,      95.1,       0.0);
  (   290418.4, 3920332.3,      95.2,      95.2,       0.0);       (   290468.4,
3920332.3,      95.2,      95.2,       0.0);
  (   290518.4, 3920332.3,      95.2,      95.2,       0.0);       (   290568.4,
3920332.3,      95.3,      95.3,       0.0);
  (   290618.4, 3920332.3,      95.3,      95.3,       0.0);       (   289068.4,
3920382.3,      92.9,      92.9,       0.0);
  (   289118.4, 3920382.3,      93.0,      93.0,       0.0);       (   289168.4,
3920382.3,      93.0,      93.0,       0.0);
  (   289218.4, 3920382.3,      93.1,      93.1,       0.0);       (   289268.4,
3920382.3,      93.2,      93.2,       0.0);
  (   289318.4, 3920382.3,      93.2,      93.2,       0.0);       (   289368.4,
3920382.3,      93.3,      93.3,       0.0);
  (   289418.4, 3920382.3,      93.3,      93.3,       0.0);       (   289468.4,
3920382.3,      93.4,      93.4,       0.0);
  (   289518.4, 3920382.3,      93.4,      93.4,       0.0);       (   289568.4,
3920382.3,      93.5,      93.5,       0.0);
  (   289618.4, 3920382.3,      93.5,      93.5,       0.0);       (   289668.4,
3920382.3,      93.6,      93.6,       0.0);
  (   289718.4, 3920382.3,      93.7,      93.7,       0.0);       (   289768.4,
3920382.3,      93.8,      93.8,       0.0);
  (   289818.4, 3920382.3,      93.8,      93.8,       0.0);       (   289868.4,
3920382.3,      93.8,      93.8,       0.0);
  (   289918.4, 3920382.3,      93.9,      93.9,       0.0);       (   289968.4,
3920382.3,      94.0,      94.0,       0.0);
  (   290018.4, 3920382.3,      94.2,      94.2,       0.0);       (   290068.4,
3920382.3,      94.3,      94.3,       0.0);
  (   290118.4, 3920382.3,      94.5,      94.5,       0.0);       (   290168.4,
3920382.3,      94.6,      94.6,       0.0);
  (   290218.4, 3920382.3,      94.7,      94.7,       0.0);       (   290268.4,
3920382.3,      94.8,      94.8,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(  289118.4, 3920432.3,  93.0,  93.0,  0.0);  (  289168.4,
3920432.3,  93.1,  93.1,  0.0);
(  289218.4, 3920432.3,  93.2,  93.2,  0.0);  (  289268.4,
3920432.3,  93.2,  93.2,  0.0);
(  289318.4, 3920432.3,  93.3,  93.3,  0.0);  (  289368.4,
3920432.3,  93.3,  93.3,  0.0);
(  289418.4, 3920432.3,  93.4,  93.4,  0.0);  (  289468.4,
3920432.3,  93.4,  93.4,  0.0);
(  289518.4, 3920432.3,  93.5,  93.5,  0.0);  (  289568.4,
3920432.3,  93.5,  93.5,  0.0);
(  289618.4, 3920432.3,  93.5,  93.5,  0.0);  (  289668.4,
3920432.3,  93.6,  93.6,  0.0);
(  289718.4, 3920432.3,  93.7,  93.7,  0.0);  (  289768.4,
3920432.3,  93.8,  93.8,  0.0);
(  289818.4, 3920432.3,  93.8,  93.8,  0.0);  (  289868.4,
3920432.3,  93.9,  93.9,  0.0);
(  289918.4, 3920432.3,  94.0,  94.0,  0.0);  (  289968.4,
3920432.3,  94.1,  94.1,  0.0);
(  290018.4, 3920432.3,  94.2,  94.2,  0.0);  (  290068.4,
3920432.3,  94.3,  94.3,  0.0);
(  290118.4, 3920432.3,  94.5,  94.5,  0.0);  (  290168.4,
3920432.3,  94.6,  94.6,  0.0);
(  290218.4, 3920432.3,  94.7,  94.7,  0.0);  (  290268.4,
3920432.3,  94.8,  94.8,  0.0);
(  290318.4, 3920432.3,  94.9,  94.9,  0.0);  (  290368.4,
3920432.3,  95.0,  95.0,  0.0);
(  290418.4, 3920432.3,  95.0,  95.0,  0.0);  (  290468.4,
3920432.3,  95.1,  95.1,  0.0);
(  290518.4, 3920432.3,  95.2,  95.2,  0.0);  (  290568.4,

```
3920432.3,      95.3,      95.3,       0.0);
  (    290618.4, 3920432.3,      95.3,      95.3,       0.0);       (   289068.4,
3920482.3,      93.0,      93.0,       0.0);
  (    289118.4, 3920482.3,      93.1,      93.1,       0.0);       (   289168.4,
3920482.3,      93.2,      93.2,       0.0);
  (    289218.4, 3920482.3,      93.2,      93.2,       0.0);       (   289268.4,
3920482.3,      93.3,      93.3,       0.0);
  (    289318.4, 3920482.3,      93.4,      93.4,       0.0);       (   289368.4,
3920482.3,      93.4,      93.4,       0.0);
  (    289418.4, 3920482.3,      93.5,      93.5,       0.0);       (   289468.4,
3920482.3,      93.5,      93.5,       0.0);
  (    289518.4, 3920482.3,      93.5,      93.5,       0.0);       (   289568.4,
3920482.3,      93.5,      93.5,       0.0);
  (    289618.4, 3920482.3,      93.6,      93.6,       0.0);       (   289668.4,
3920482.3,      93.7,      93.7,       0.0);
  (    289718.4, 3920482.3,      93.7,      93.7,       0.0);       (   289768.4,
3920482.3,      93.7,      93.7,       0.0);
  (    289818.4, 3920482.3,      93.8,      93.8,       0.0);       (   289868.4,
3920482.3,      93.9,      93.9,       0.0);
  (    289918.4, 3920482.3,      94.0,      94.0,       0.0);       (   289968.4,
3920482.3,      94.1,      94.1,       0.0);
  (    290018.4, 3920482.3,      94.2,      94.2,       0.0);       (   290068.4,
3920482.3,      94.4,      94.4,       0.0);
  (    290118.4, 3920482.3,      94.5,      94.5,       0.0);       (   290168.4,
3920482.3,      94.6,      94.6,       0.0);
  (    290218.4, 3920482.3,      94.7,      94.7,       0.0);       (   290268.4,
3920482.3,      94.8,      94.8,       0.0);
  (    290318.4, 3920482.3,      94.9,      94.9,       0.0);       (   290368.4,
3920482.3,      94.9,      94.9,       0.0);
  (    290418.4, 3920482.3,      95.0,      95.0,       0.0);       (   290468.4,
3920482.3,      95.1,      95.1,       0.0);
  (    290518.4, 3920482.3,      95.1,      95.1,       0.0);       (   290568.4,
3920482.3,      95.2,      95.2,       0.0);
  (    290618.4, 3920482.3,      95.3,      95.3,       0.0);       (   289068.4,
3920532.3,      93.0,      93.0,       0.0);
  (    289118.4, 3920532.3,      93.1,      93.1,       0.0);       (   289168.4,
3920532.3,      93.2,      93.2,       0.0);
  (    289218.4, 3920532.3,      93.3,      93.3,       0.0);       (   289268.4,
3920532.3,      93.4,      93.4,       0.0);
  (    289318.4, 3920532.3,      93.4,      93.4,       0.0);       (   289368.4,
3920532.3,      93.5,      93.5,       0.0);
  (    289418.4, 3920532.3,      93.5,      93.5,       0.0);       (   289468.4,
3920532.3,      93.5,      93.5,       0.0);
  (    289518.4, 3920532.3,      93.6,      93.6,       0.0);       (   289568.4,
3920532.3,      93.6,      93.6,       0.0);
  (    289618.4, 3920532.3,      93.7,      93.7,       0.0);       (   289668.4,
3920532.3,      93.8,      93.8,       0.0);
  (    289718.4, 3920532.3,      93.8,      93.8,       0.0);       (   289768.4,
3920532.3,      93.8,      93.8,       0.0);
  (    289818.4, 3920532.3,      93.8,      93.8,       0.0);       (   289868.4,
```

```
3920532.3,      93.9,      93.9,       0.0);
  (    289918.4, 3920532.3,      94.0,      94.0,       0.0);       (   289968.4,
3920532.3,      94.2,      94.2,       0.0);
  (    290018.4, 3920532.3,      94.3,      94.3,       0.0);       (   290068.4,
3920532.3,      94.4,      94.4,       0.0);
  (    290118.4, 3920532.3,      94.5,      94.5,       0.0);       (   290168.4,
3920532.3,      94.6,      94.6,       0.0);
  (    290218.4, 3920532.3,      94.7,      94.7,       0.0);       (   290268.4,
3920532.3,      94.8,      94.8,       0.0);
  (    290318.4, 3920532.3,      94.9,      94.9,       0.0);       (   290368.4,
3920532.3,      94.9,      94.9,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        14:33:56

                                  PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          ***  DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

   (    290418.4, 3920532.3,      95.0,      95.0,       0.0);       (   290468.4,
3920532.3,      95.0,      95.0,       0.0);
  (    290518.4, 3920532.3,      95.1,      95.1,       0.0);       (   290568.4,
3920532.3,      95.2,      95.2,       0.0);
  (    290618.4, 3920532.3,      95.3,      95.3,       0.0);       (   289068.4,
3920582.3,      93.1,      93.1,       0.0);
  (    289118.4, 3920582.3,      93.2,      93.2,       0.0);       (   289168.4,
3920582.3,      93.3,      93.3,       0.0);
  (    289218.4, 3920582.3,      93.4,      93.4,       0.0);       (   289268.4,
3920582.3,      93.4,      93.4,       0.0);
  (    289318.4, 3920582.3,      93.5,      93.5,       0.0);       (   289368.4,
3920582.3,      93.5,      93.5,       0.0);
  (    289418.4, 3920582.3,      93.6,      93.6,       0.0);       (   289468.4,
3920582.3,      93.6,      93.6,       0.0);
  (    289518.4, 3920582.3,      93.6,      93.6,       0.0);       (   289568.4,
3920582.3,      93.7,      93.7,       0.0);
  (    289618.4, 3920582.3,      93.7,      93.7,       0.0);       (   289668.4,
3920582.3,      93.8,      93.8,       0.0);
  (    289718.4, 3920582.3,      93.8,      93.8,       0.0);       (   289768.4,
3920582.3,      93.9,      93.9,       0.0);
  (    289818.4, 3920582.3,      93.9,      93.9,       0.0);       (   289868.4,
3920582.3,      94.0,      94.0,       0.0);
  (    289918.4, 3920582.3,      94.1,      94.1,       0.0);       (   289968.4,
3920582.3,      94.2,      94.2,       0.0);
  (    290018.4, 3920582.3,      94.3,      94.3,       0.0);       (   290068.4,
3920582.3,      94.5,      94.5,       0.0);
```

```
   (   290118.4, 3920582.3,      94.6,      94.6,       0.0);       (   290168.4,
3920582.3,      94.7,      94.7,       0.0);
  (    290218.4, 3920582.3,      94.8,      94.8,       0.0);       (   290268.4,
3920582.3,      94.8,      94.8,       0.0);
  (    290318.4, 3920582.3,      94.9,      94.9,       0.0);       (   290368.4,
3920582.3,      94.9,      94.9,       0.0);
  (    290418.4, 3920582.3,      95.0,      95.0,       0.0);       (   290468.4,
3920582.3,      95.0,      95.0,       0.0);
  (    290518.4, 3920582.3,      95.1,      95.1,       0.0);       (   290568.4,
3920582.3,      95.1,      95.1,       0.0);
  (    290618.4, 3920582.3,      95.2,      95.2,       0.0);       (   289068.4,
3920632.3,      93.1,      93.1,       0.0);
  (    289118.4, 3920632.3,      93.2,      93.2,       0.0);       (   289168.4,
3920632.3,      93.4,      93.4,       0.0);
  (    289218.4, 3920632.3,      93.4,      93.4,       0.0);       (   289268.4,
3920632.3,      93.5,      93.5,       0.0);
  (    289318.4, 3920632.3,      93.6,      93.6,       0.0);       (   289368.4,
3920632.3,      93.6,      93.6,       0.0);
  (    289418.4, 3920632.3,      93.7,      93.7,       0.0);       (   289468.4,
3920632.3,      93.7,      93.7,       0.0);
  (    289518.4, 3920632.3,      93.7,      93.7,       0.0);       (   289568.4,
3920632.3,      93.8,      93.8,       0.0);
  (    289618.4, 3920632.3,      93.8,      93.8,       0.0);       (   289668.4,
3920632.3,      93.8,      93.8,       0.0);
  (    289718.4, 3920632.3,      93.8,      93.8,       0.0);       (   289768.4,
3920632.3,      94.0,      94.0,       0.0);
  (    289818.4, 3920632.3,      94.0,      94.0,       0.0);       (   289868.4,
3920632.3,      94.1,      94.1,       0.0);
  (    289918.4, 3920632.3,      94.2,      94.2,       0.0);       (   289968.4,
3920632.3,      94.3,      94.3,       0.0);
  (    290018.4, 3920632.3,      94.4,      94.4,       0.0);       (   290068.4,
3920632.3,      94.5,      94.5,       0.0);
  (    290118.4, 3920632.3,      94.7,      94.7,       0.0);       (   290168.4,
3920632.3,      94.8,      94.8,       0.0);
  (    290218.4, 3920632.3,      94.8,      94.8,       0.0);       (   290268.4,
3920632.3,      94.9,      94.9,       0.0);
  (    290318.4, 3920632.3,      94.9,      94.9,       0.0);       (   290368.4,
3920632.3,      95.0,      95.0,       0.0);
  (    290418.4, 3920632.3,      95.0,      95.0,       0.0);       (   290468.4,
3920632.3,      95.0,      95.0,       0.0);
  (    290518.4, 3920632.3,      95.1,      95.1,       0.0);       (   290568.4,
3920632.3,      95.1,      95.1,       0.0);
  (    290618.4, 3920632.3,      95.2,      95.2,       0.0);       (   289068.4,
3920682.3,      93.2,      93.2,       0.0);
  (    289118.4, 3920682.3,      93.3,      93.3,       0.0);       (   289168.4,
3920682.3,      93.4,      93.4,       0.0);
  (    289218.4, 3920682.3,      93.5,      93.5,       0.0);       (   289268.4,
3920682.3,      93.6,      93.6,       0.0);
  (    289318.4, 3920682.3,      93.6,      93.6,       0.0);       (   289368.4,
3920682.3,      93.7,      93.7,       0.0);
```

```
   (   289418.4, 3920682.3,      93.8,      93.8,       0.0);       (   289468.4,
3920682.3,      93.8,      93.8,       0.0);
  (   289518.4, 3920682.3,      93.8,      93.8,       0.0);       (   289568.4,
3920682.3,      93.8,      93.8,       0.0);
  (   289618.4, 3920682.3,      93.9,      93.9,       0.0);       (   289668.4,
3920682.3,      93.9,      93.9,       0.0);
  (   289718.4, 3920682.3,      93.9,      93.9,       0.0);       (   289768.4,
3920682.3,      94.0,      94.0,       0.0);
  (   289818.4, 3920682.3,      94.1,      94.1,       0.0);       (   289868.4,
3920682.3,      94.2,      94.2,       0.0);
  (   289918.4, 3920682.3,      94.3,      94.3,       0.0);       (   289968.4,
3920682.3,      94.4,      94.4,       0.0);
  (   290018.4, 3920682.3,      94.5,      94.5,       0.0);       (   290068.4,
3920682.3,      94.6,      94.6,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        14:33:56

                                  PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          ***  DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

   (   290118.4, 3920682.3,      94.7,      94.7,       0.0);       (   290168.4,
3920682.3,      94.8,      94.8,       0.0);
  (   290218.4, 3920682.3,      94.9,      94.9,       0.0);       (   290268.4,
3920682.3,      95.0,      95.0,       0.0);
  (   290318.4, 3920682.3,      95.0,      95.0,       0.0);       (   290368.4,
3920682.3,      95.0,      95.0,       0.0);
  (   290418.4, 3920682.3,      95.1,      95.1,       0.0);       (   290468.4,
3920682.3,      95.1,      95.1,       0.0);
  (   290518.4, 3920682.3,      95.1,      95.1,       0.0);       (   290568.4,
3920682.3,      95.2,      95.2,       0.0);
  (   290618.4, 3920682.3,      95.2,      95.2,       0.0);       (   289068.4,
3920732.3,      93.2,      93.2,       0.0);
  (   289118.4, 3920732.3,      93.4,      93.4,       0.0);       (   289168.4,
3920732.3,      93.5,      93.5,       0.0);
  (   289218.4, 3920732.3,      93.6,      93.6,       0.0);       (   289268.4,
3920732.3,      93.6,      93.6,       0.0);
  (   289318.4, 3920732.3,      93.7,      93.7,       0.0);       (   289368.4,
3920732.3,      93.8,      93.8,       0.0);
  (   289418.4, 3920732.3,      93.8,      93.8,       0.0);       (   289468.4,
3920732.3,      93.9,      93.9,       0.0);
  (   289518.4, 3920732.3,      93.9,      93.9,       0.0);       (   289568.4,
3920732.3,      94.0,      94.0,       0.0);
  (   289618.4, 3920732.3,      94.0,      94.0,       0.0);       (   289668.4,
```

```
3920732.3,      94.0,      94.0,       0.0);
  (    289718.4, 3920732.3,      94.1,      94.1,       0.0);       (    289768.4,
3920732.3,      94.1,      94.1,       0.0);
  (    289818.4, 3920732.3,      94.2,      94.2,       0.0);       (    289868.4,
3920732.3,      94.3,      94.3,       0.0);
  (    289918.4, 3920732.3,      94.3,      94.3,       0.0);       (    289968.4,
3920732.3,      94.5,      94.5,       0.0);
  (    290018.4, 3920732.3,      94.6,      94.6,       0.0);       (    290068.4,
3920732.3,      94.7,      94.7,       0.0);
  (    290118.4, 3920732.3,      94.8,      94.8,       0.0);       (    290168.4,
3920732.3,      94.9,      94.9,       0.0);
  (    290218.4, 3920732.3,      95.0,      95.0,       0.0);       (    290268.4,
3920732.3,      95.1,      95.1,       0.0);
  (    290318.4, 3920732.3,      95.1,      95.1,       0.0);       (    290368.4,
3920732.3,      95.1,      95.1,       0.0);
  (    290418.4, 3920732.3,      95.1,      95.1,       0.0);       (    290468.4,
3920732.3,      95.1,      95.1,       0.0);
  (    290518.4, 3920732.3,      95.2,      95.2,       0.0);       (    290568.4,
3920732.3,      95.3,      95.3,       0.0);
  (    290618.4, 3920732.3,      95.3,      95.3,       0.0);       (    289068.4,
3920782.3,      93.2,      93.2,       0.0);
  (    289118.4, 3920782.3,      93.4,      93.4,       0.0);       (    289168.4,
3920782.3,      93.5,      93.5,       0.0);
  (    289218.4, 3920782.3,      93.6,      93.6,       0.0);       (    289268.4,
3920782.3,      93.7,      93.7,       0.0);
  (    289318.4, 3920782.3,      93.8,      93.8,       0.0);       (    289368.4,
3920782.3,      93.8,      93.8,       0.0);
  (    289418.4, 3920782.3,      93.8,      93.8,       0.0);       (    289468.4,
3920782.3,      93.9,      93.9,       0.0);
  (    289518.4, 3920782.3,      94.0,      94.0,       0.0);       (    289568.4,
3920782.3,      94.1,      94.1,       0.0);
  (    289618.4, 3920782.3,      94.1,      94.1,       0.0);       (    289668.4,
3920782.3,      94.1,      94.1,       0.0);
  (    289718.4, 3920782.3,      94.2,      94.2,       0.0);       (    289768.4,
3920782.3,      94.2,      94.2,       0.0);
  (    289818.4, 3920782.3,      94.3,      94.3,       0.0);       (    289868.4,
3920782.3,      94.4,      94.4,       0.0);
  (    289918.4, 3920782.3,      94.4,      94.4,       0.0);       (    289968.4,
3920782.3,      94.5,      94.5,       0.0);
  (    290018.4, 3920782.3,      94.6,      94.6,       0.0);       (    290068.4,
3920782.3,      94.7,      94.7,       0.0);
  (    290118.4, 3920782.3,      94.8,      94.8,       0.0);       (    290168.4,
3920782.3,      95.0,      95.0,       0.0);
  (    290218.4, 3920782.3,      95.1,      95.1,       0.0);       (    290268.4,
3920782.3,      95.2,      95.2,       0.0);
  (    290318.4, 3920782.3,      95.2,      95.2,       0.0);       (    290368.4,
3920782.3,      95.3,      95.3,       0.0);
  (    290418.4, 3920782.3,      95.3,      95.3,       0.0);       (    290468.4,
3920782.3,      95.3,      95.3,       0.0);
  (    290518.4, 3920782.3,      95.3,      95.3,       0.0);       (    290568.4,
```

```
3920782.3,      95.3,      95.3,       0.0);
  (    290618.4, 3920782.3,      95.3,      95.3,       0.0);       (   289068.4,
3920832.3,      93.3,      93.3,       0.0);
  (    289118.4, 3920832.3,      93.4,      93.4,       0.0);       (   289168.4,
3920832.3,      93.5,      93.5,       0.0);
  (    289218.4, 3920832.3,      93.7,      93.7,       0.0);       (   289268.4,
3920832.3,      93.8,      93.8,       0.0);
  (    289318.4, 3920832.3,      93.8,      93.8,       0.0);       (   289368.4,
3920832.3,      93.9,      93.9,       0.0);
  (    289418.4, 3920832.3,      93.9,      93.9,       0.0);       (   289468.4,
3920832.3,      94.0,      94.0,       0.0);
  (    289518.4, 3920832.3,      94.0,      94.0,       0.0);       (   289568.4,
3920832.3,      94.1,      94.1,       0.0);
  (    289618.4, 3920832.3,      94.2,      94.2,       0.0);       (   289668.4,
3920832.3,      94.2,      94.2,       0.0);
  (    289718.4, 3920832.3,      94.3,      94.3,       0.0);       (   289768.4,
3920832.3,      94.3,      94.3,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                        ***  DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

   (   289818.4, 3920832.3,      94.4,      94.4,       0.0);       (   289868.4,
3920832.3,      94.5,      94.5,       0.0);
  (    289918.4, 3920832.3,      94.5,      94.5,       0.0);       (   289968.4,
3920832.3,      94.6,      94.6,       0.0);
  (    290018.4, 3920832.3,      94.7,      94.7,       0.0);       (   290068.4,
3920832.3,      94.8,      94.8,       0.0);
  (    290118.4, 3920832.3,      94.9,      94.9,       0.0);       (   290168.4,
3920832.3,      95.0,      95.0,       0.0);
  (    290218.4, 3920832.3,      95.1,      95.1,       0.0);       (   290268.4,
3920832.3,      95.3,      95.3,       0.0);
  (    290318.4, 3920832.3,      95.3,      95.3,       0.0);       (   290368.4,
3920832.3,      95.3,      95.3,       0.0);
  (    290418.4, 3920832.3,      95.3,      95.3,       0.0);       (   290468.4,
3920832.3,      95.3,      95.3,       0.0);
  (    290518.4, 3920832.3,      95.3,      95.3,       0.0);       (   290568.4,
3920832.3,      95.4,      95.4,       0.0);
  (    290618.4, 3920832.3,      95.4,      95.4,       0.0);       (   289068.4,
3920882.3,      93.3,      93.3,       0.0);
  (    289118.4, 3920882.3,      93.5,      93.5,       0.0);       (   289168.4,
3920882.3,      93.6,      93.6,       0.0);
```

```
   (   289218.4, 3920882.3,      93.7,      93.7,       0.0);       (   289268.4,
3920882.3,      93.8,      93.8,       0.0);
  (   289318.4, 3920882.3,      93.8,      93.8,       0.0);       (   289368.4,
3920882.3,      93.9,      93.9,       0.0);
  (   289418.4, 3920882.3,      93.9,      93.9,       0.0);       (   289468.4,
3920882.3,      93.9,      93.9,       0.0);
  (   289518.4, 3920882.3,      94.1,      94.1,       0.0);       (   289568.4,
3920882.3,      94.1,      94.1,       0.0);
  (   289618.4, 3920882.3,      94.2,      94.2,       0.0);       (   289668.4,
3920882.3,      94.3,      94.3,       0.0);
  (   289718.4, 3920882.3,      94.4,      94.4,       0.0);       (   289768.4,
3920882.3,      94.4,      94.4,       0.0);
  (   289818.4, 3920882.3,      94.5,      94.5,       0.0);       (   289868.4,
3920882.3,      94.5,      94.5,       0.0);
  (   289918.4, 3920882.3,      94.6,      94.6,       0.0);       (   289968.4,
3920882.3,      94.7,      94.7,       0.0);
  (   290018.4, 3920882.3,      94.8,      94.8,       0.0);       (   290068.4,
3920882.3,      94.8,      94.8,       0.0);
  (   290118.4, 3920882.3,      94.9,      94.9,       0.0);       (   290168.4,
3920882.3,      95.0,      95.0,       0.0);
  (   290218.4, 3920882.3,      95.1,      95.1,       0.0);       (   290268.4,
3920882.3,      95.3,      95.3,       0.0);
  (   290318.4, 3920882.3,      95.3,      95.3,       0.0);       (   290368.4,
3920882.3,      95.3,      95.3,       0.0);
  (   290418.4, 3920882.3,      95.3,      95.3,       0.0);       (   290468.4,
3920882.3,      95.3,      95.3,       0.0);
  (   290518.4, 3920882.3,      95.4,      95.4,       0.0);       (   290568.4,
3920882.3,      95.4,      95.4,       0.0);
  (   290618.4, 3920882.3,      95.5,      95.5,       0.0);       (   289068.4,
3920932.3,      93.4,      93.4,       0.0);
  (   289118.4, 3920932.3,      93.5,      93.5,       0.0);       (   289168.4,
3920932.3,      93.6,      93.6,       0.0);
  (   289218.4, 3920932.3,      93.7,      93.7,       0.0);       (   289268.4,
3920932.3,      93.8,      93.8,       0.0);
  (   289318.4, 3920932.3,      93.9,      93.9,       0.0);       (   289368.4,
3920932.3,      93.9,      93.9,       0.0);
  (   289418.4, 3920932.3,      93.9,      93.9,       0.0);       (   289468.4,
3920932.3,      93.9,      93.9,       0.0);
  (   289518.4, 3920932.3,      94.1,      94.1,       0.0);       (   289568.4,
3920932.3,      94.2,      94.2,       0.0);
  (   289618.4, 3920932.3,      94.3,      94.3,       0.0);       (   289668.4,
3920932.3,      94.4,      94.4,       0.0);
  (   289718.4, 3920932.3,      94.5,      94.5,       0.0);       (   289768.4,
3920932.3,      94.5,      94.5,       0.0);
  (   289818.4, 3920932.3,      94.6,      94.6,       0.0);       (   289868.4,
3920932.3,      94.6,      94.6,       0.0);
  (   289918.4, 3920932.3,      94.7,      94.7,       0.0);       (   289968.4,
3920932.3,      94.8,      94.8,       0.0);
  (   290018.4, 3920932.3,      94.8,      94.8,       0.0);       (   290068.4,
3920932.3,      94.9,      94.9,       0.0);
```

```
   (   290118.4, 3920932.3,      95.0,      95.0,       0.0);       (   290168.4,
3920932.3,      95.0,      95.0,       0.0);
  (    290218.4, 3920932.3,      95.1,      95.1,       0.0);       (   290268.4,
3920932.3,      95.2,      95.2,       0.0);
  (    290318.4, 3920932.3,      95.3,      95.3,       0.0);       (   290368.4,
3920932.3,      95.3,      95.3,       0.0);
  (    290418.4, 3920932.3,      95.3,      95.3,       0.0);       (   290468.4,
3920932.3,      95.3,      95.3,       0.0);
  (    290518.4, 3920932.3,      95.3,      95.3,       0.0);       (   290568.4,
3920932.3,      95.4,      95.4,       0.0);
  (    290618.4, 3920932.3,      95.5,      95.5,       0.0);       (   289068.4,
3920982.3,      93.4,      93.4,       0.0);
  (    289118.4, 3920982.3,      93.5,      93.5,       0.0);       (   289168.4,
3920982.3,      93.6,      93.6,       0.0);
  (    289218.4, 3920982.3,      93.6,      93.6,       0.0);       (   289268.4,
3920982.3,      93.8,      93.8,       0.0);
  (    289318.4, 3920982.3,      93.8,      93.8,       0.0);       (   289368.4,
3920982.3,      93.8,      93.8,       0.0);
  (    289418.4, 3920982.3,      93.9,      93.9,       0.0);       (   289468.4,
3920982.3,      94.0,      94.0,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        14:33:56

                                  PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          ***  DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

   (   289518.4, 3920982.3,      94.0,      94.0,       0.0);       (   289568.4,
3920982.3,      94.2,      94.2,       0.0);
  (    289618.4, 3920982.3,      94.3,      94.3,       0.0);       (   289668.4,
3920982.3,      94.5,      94.5,       0.0);
  (    289718.4, 3920982.3,      94.6,      94.6,       0.0);       (   289768.4,
3920982.3,      94.7,      94.7,       0.0);
  (    289818.4, 3920982.3,      94.7,      94.7,       0.0);       (   289868.4,
3920982.3,      94.8,      94.8,       0.0);
  (    289918.4, 3920982.3,      94.8,      94.8,       0.0);       (   289968.4,
3920982.3,      94.8,      94.8,       0.0);
  (    290018.4, 3920982.3,      94.9,      94.9,       0.0);       (   290068.4,
3920982.3,      94.9,      94.9,       0.0);
  (    290118.4, 3920982.3,      95.0,      95.0,       0.0);       (   290168.4,
3920982.3,      95.1,      95.1,       0.0);
  (    290218.4, 3920982.3,      95.2,      95.2,       0.0);       (   290268.4,
3920982.3,      95.2,      95.2,       0.0);
  (    290318.4, 3920982.3,      95.2,      95.2,       0.0);       (   290368.4,
```

```
3920982.3,      95.3,      95.3,       0.0);
  (    290418.4, 3920982.3,      95.3,      95.3,       0.0);       (    290468.4,
3920982.3,      95.3,      95.3,       0.0);
  (    290518.4, 3920982.3,      95.3,      95.3,       0.0);       (    290568.4,
3920982.3,      95.4,      95.4,       0.0);
  (    290618.4, 3920982.3,      95.5,      95.5,       0.0);       (    290668.4,
3920982.3,      95.6,      95.6,       0.0);
  (    289068.4, 3921032.3,      93.5,      93.5,       0.0);       (    289118.4,
3921032.3,      93.5,      93.5,       0.0);
  (    289168.4, 3921032.3,      93.6,      93.6,       0.0);       (    289218.4,
3921032.3,      93.6,      93.6,       0.0);
  (    289268.4, 3921032.3,      93.7,      93.7,       0.0);       (    289318.4,
3921032.3,      93.8,      93.8,       0.0);
  (    289368.4, 3921032.3,      93.8,      93.8,       0.0);       (    289418.4,
3921032.3,      93.9,      93.9,       0.0);
  (    289468.4, 3921032.3,      94.0,      94.0,       0.0);       (    289518.4,
3921032.3,      94.0,      94.0,       0.0);
  (    289568.4, 3921032.3,      94.2,      94.2,       0.0);       (    289618.4,
3921032.3,      94.4,      94.4,       0.0);
  (    289668.4, 3921032.3,      94.7,      94.7,       0.0);       (    289718.4,
3921032.3,      94.9,      94.9,       0.0);
  (    289768.4, 3921032.3,      94.9,      94.9,       0.0);       (    289818.4,
3921032.3,      94.9,      94.9,       0.0);
  (    289868.4, 3921032.3,      94.9,      94.9,       0.0);       (    289918.4,
3921032.3,      94.9,      94.9,       0.0);
  (    289968.4, 3921032.3,      94.9,      94.9,       0.0);       (    290018.4,
3921032.3,      94.9,      94.9,       0.0);
  (    290068.4, 3921032.3,      95.0,      95.0,       0.0);       (    290118.4,
3921032.3,      95.1,      95.1,       0.0);
  (    290168.4, 3921032.3,      95.2,      95.2,       0.0);       (    290218.4,
3921032.3,      95.2,      95.2,       0.0);
  (    290268.4, 3921032.3,      95.3,      95.3,       0.0);       (    290318.4,
3921032.3,      95.3,      95.3,       0.0);
  (    290368.4, 3921032.3,      95.3,      95.3,       0.0);       (    290418.4,
3921032.3,      95.3,      95.3,       0.0);
  (    290468.4, 3921032.3,      95.4,      95.4,       0.0);       (    290518.4,
3921032.3,      95.4,      95.4,       0.0);
  (    290568.4, 3921032.3,      95.5,      95.5,       0.0);       (    290618.4,
3921032.3,      95.6,      95.6,       0.0);
  (    290668.4, 3921032.3,      95.7,      95.7,       0.0);       (    289068.4,
3921082.3,      93.6,      93.6,       0.0);
  (    289118.4, 3921082.3,      93.6,      93.6,       0.0);       (    289168.4,
3921082.3,      93.6,      93.6,       0.0);
  (    289218.4, 3921082.3,      93.6,      93.6,       0.0);       (    289268.4,
3921082.3,      93.6,      93.6,       0.0);
  (    289318.4, 3921082.3,      93.7,      93.7,       0.0);       (    289368.4,
3921082.3,      93.8,      93.8,       0.0);
  (    289418.4, 3921082.3,      93.8,      93.8,       0.0);       (    289468.4,
3921082.3,      93.9,      93.9,       0.0);
  (    289518.4, 3921082.3,      93.9,      93.9,       0.0);       (    289568.4,
```

```
3921082.3,      94.1,      94.1,       0.0);
  (    289618.4, 3921082.3,      94.4,      94.4,       0.0);       (    289668.4,
3921082.3,      94.9,      94.9,       0.0);
  (    289718.4, 3921082.3,      95.1,      95.1,       0.0);       (    289768.4,
3921082.3,      95.1,      95.1,       0.0);
  (    289818.4, 3921082.3,      95.0,      95.0,       0.0);       (    289868.4,
3921082.3,      95.0,      95.0,       0.0);
  (    289918.4, 3921082.3,      95.0,      95.0,       0.0);       (    289968.4,
3921082.3,      95.0,      95.0,       0.0);
  (    290018.4, 3921082.3,      95.0,      95.0,       0.0);       (    290068.4,
3921082.3,      95.0,      95.0,       0.0);
  (    290118.4, 3921082.3,      95.1,      95.1,       0.0);       (    290168.4,
3921082.3,      95.2,      95.2,       0.0);
  (    290218.4, 3921082.3,      95.3,      95.3,       0.0);       (    290268.4,
3921082.3,      95.3,      95.3,       0.0);
  (    290318.4, 3921082.3,      95.4,      95.4,       0.0);       (    290368.4,
3921082.3,      95.4,      95.4,       0.0);
  (    290418.4, 3921082.3,      95.4,      95.4,       0.0);       (    290468.4,
3921082.3,      95.5,      95.5,       0.0);
  (    290518.4, 3921082.3,      95.5,      95.5,       0.0);       (    290568.4,
3921082.3,      95.5,      95.5,       0.0);
  (    290618.4, 3921082.3,      95.6,      95.6,       0.0);       (    290668.4,
3921082.3,      95.6,      95.6,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        14:33:56

                                  PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          ***  DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

   (    289068.4, 3921132.3,      93.7,      93.7,       0.0);       (    289118.4,
3921132.3,      93.7,      93.7,       0.0);
  (    289168.4, 3921132.3,      93.7,      93.7,       0.0);       (    289218.4,
3921132.3,      93.7,      93.7,       0.0);
  (    289268.4, 3921132.3,      93.6,      93.6,       0.0);       (    289318.4,
3921132.3,      93.7,      93.7,       0.0);
  (    289368.4, 3921132.3,      93.7,      93.7,       0.0);       (    289418.4,
3921132.3,      93.8,      93.8,       0.0);
  (    289468.4, 3921132.3,      93.8,      93.8,       0.0);       (    289518.4,
3921132.3,      93.9,      93.9,       0.0);
  (    289568.4, 3921132.3,      94.1,      94.1,       0.0);       (    289618.4,
3921132.3,      94.4,      94.4,       0.0);
  (    289668.4, 3921132.3,      94.9,      94.9,       0.0);       (    289718.4,
3921132.3,      95.3,      95.3,       0.0);
```

```
   (   289768.4, 3921132.3,      95.3,      95.3,       0.0);       (   289818.4,
3921132.3,      95.2,      95.2,       0.0);
  (   289868.4, 3921132.3,      95.1,      95.1,       0.0);       (   289918.4,
3921132.3,      95.1,      95.1,       0.0);
  (   289968.4, 3921132.3,      95.1,      95.1,       0.0);       (   290018.4,
3921132.3,      95.1,      95.1,       0.0);
  (   290068.4, 3921132.3,      95.1,      95.1,       0.0);       (   290118.4,
3921132.3,      95.1,      95.1,       0.0);
  (   290168.4, 3921132.3,      95.2,      95.2,       0.0);       (   290218.4,
3921132.3,      95.3,      95.3,       0.0);
  (   290268.4, 3921132.3,      95.4,      95.4,       0.0);       (   290318.4,
3921132.3,      95.4,      95.4,       0.0);
  (   290368.4, 3921132.3,      95.4,      95.4,       0.0);       (   290418.4,
3921132.3,      95.5,      95.5,       0.0);
  (   290468.4, 3921132.3,      95.5,      95.5,       0.0);       (   290518.4,
3921132.3,      95.5,      95.5,       0.0);
  (   290568.4, 3921132.3,      95.5,      95.5,       0.0);       (   290618.4,
3921132.3,      95.5,      95.5,       0.0);
  (   290668.4, 3921132.3,      95.5,      95.5,       0.0);       (   289068.4,
3921182.3,      93.8,      93.8,       0.0);
  (   289118.4, 3921182.3,      93.8,      93.8,       0.0);       (   289168.4,
3921182.3,      93.8,      93.8,       0.0);
  (   289218.4, 3921182.3,      93.8,      93.8,       0.0);       (   289268.4,
3921182.3,      93.7,      93.7,       0.0);
  (   289318.4, 3921182.3,      93.7,      93.7,       0.0);       (   289368.4,
3921182.3,      93.8,      93.8,       0.0);
  (   289418.4, 3921182.3,      93.8,      93.8,       0.0);       (   289468.4,
3921182.3,      93.8,      93.8,       0.0);
  (   289518.4, 3921182.3,      93.8,      93.8,       0.0);       (   289568.4,
3921182.3,      94.0,      94.0,       0.0);
  (   289618.4, 3921182.3,      94.3,      94.3,       0.0);       (   289668.4,
3921182.3,      94.8,      94.8,       0.0);
  (   289718.4, 3921182.3,      95.1,      95.1,       0.0);       (   289768.4,
3921182.3,      95.2,      95.2,       0.0);
  (   289818.4, 3921182.3,      95.3,      95.3,       0.0);       (   289868.4,
3921182.3,      95.3,      95.3,       0.0);
  (   289918.4, 3921182.3,      95.3,      95.3,       0.0);       (   289968.4,
3921182.3,      95.2,      95.2,       0.0);
  (   290018.4, 3921182.3,      95.2,      95.2,       0.0);       (   290068.4,
3921182.3,      95.1,      95.1,       0.0);
  (   290118.4, 3921182.3,      95.2,      95.2,       0.0);       (   290168.4,
3921182.3,      95.3,      95.3,       0.0);
  (   290218.4, 3921182.3,      95.3,      95.3,       0.0);       (   290268.4,
3921182.3,      95.4,      95.4,       0.0);
  (   290318.4, 3921182.3,      95.4,      95.4,       0.0);       (   290368.4,
3921182.3,      95.4,      95.4,       0.0);
  (   290418.4, 3921182.3,      95.5,      95.5,       0.0);       (   290468.4,
3921182.3,      95.4,      95.4,       0.0);
  (   290518.4, 3921182.3,      95.4,      95.4,       0.0);       (   290568.4,
3921182.3,      95.3,      95.3,       0.0);
```

```
   (   290618.4, 3921182.3,      95.3,      95.3,       0.0);       (   290668.4,
3921182.3,      95.3,      95.3,       0.0);
  (   289068.4, 3921232.3,      93.8,      93.8,       0.0);       (   289118.4,
3921232.3,      93.8,      93.8,       0.0);
  (   289168.4, 3921232.3,      93.8,      93.8,       0.0);       (   289218.4,
3921232.3,      93.8,      93.8,       0.0);
  (   289268.4, 3921232.3,      93.8,      93.8,       0.0);       (   289318.4,
3921232.3,      93.8,      93.8,       0.0);
  (   289368.4, 3921232.3,      93.8,      93.8,       0.0);       (   289418.4,
3921232.3,      93.9,      93.9,       0.0);
  (   289468.4, 3921232.3,      93.8,      93.8,       0.0);       (   289518.4,
3921232.3,      93.8,      93.8,       0.0);
  (   289568.4, 3921232.3,      94.0,      94.0,       0.0);       (   289618.4,
3921232.3,      94.2,      94.2,       0.0);
  (   289668.4, 3921232.3,      94.6,      94.6,       0.0);       (   289718.4,
3921232.3,      94.9,      94.9,       0.0);
  (   289768.4, 3921232.3,      95.0,      95.0,       0.0);       (   289818.4,
3921232.3,      95.2,      95.2,       0.0);
  (   289868.4, 3921232.3,      95.3,      95.3,       0.0);       (   289918.4,
3921232.3,      95.3,      95.3,       0.0);
  (   289968.4, 3921232.3,      95.3,      95.3,       0.0);       (   290018.4,
3921232.3,      95.2,      95.2,       0.0);
  (   290068.4, 3921232.3,      95.2,      95.2,       0.0);       (   290118.4,
3921232.3,      95.2,      95.2,       0.0);
  (   290168.4, 3921232.3,      95.3,      95.3,       0.0);       (   290218.4,
3921232.3,      95.3,      95.3,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          ***  DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)

   (   290268.4, 3921232.3,      95.4,      95.4,       0.0);       (   290318.4,
3921232.3,      95.4,      95.4,       0.0);
  (   290368.4, 3921232.3,      95.4,      95.4,       0.0);       (   290418.4,
3921232.3,      95.4,      95.4,       0.0);
  (   290468.4, 3921232.3,      95.4,      95.4,       0.0);       (   290518.4,
3921232.3,      95.3,      95.3,       0.0);
  (   290568.4, 3921232.3,      95.3,      95.3,       0.0);       (   290618.4,
3921232.3,      95.3,      95.3,       0.0);
  (   290668.4, 3921232.3,      95.4,      95.4,       0.0);       (   289068.4,
3921282.3,      93.7,      93.7,       0.0);
  (   289118.4, 3921282.3,      93.8,      93.8,       0.0);       (   289168.4,
```

3921282.3,      93.8,      93.8,       0.0);
  (    289218.4, 3921282.3,      93.9,      93.9,       0.0);       (    289268.4,
3921282.3,      93.9,      93.9,       0.0);
  (    289318.4, 3921282.3,      93.9,      93.9,       0.0);       (    289368.4,
3921282.3,      93.9,      93.9,       0.0);
  (    289418.4, 3921282.3,      93.9,      93.9,       0.0);       (    289468.4,
3921282.3,      93.8,      93.8,       0.0);
  (    289518.4, 3921282.3,      93.8,      93.8,       0.0);       (    289568.4,
3921282.3,      93.9,      93.9,       0.0);
  (    289618.4, 3921282.3,      94.1,      94.1,       0.0);       (    289668.4,
3921282.3,      94.4,      94.4,       0.0);
  (    289718.4, 3921282.3,      94.7,      94.7,       0.0);       (    289768.4,
3921282.3,      95.0,      95.0,       0.0);
  (    289818.4, 3921282.3,      95.1,      95.1,       0.0);       (    289868.4,
3921282.3,      95.2,      95.2,       0.0);
  (    289918.4, 3921282.3,      95.3,      95.3,       0.0);       (    289968.4,
3921282.3,      94.6,      94.6,       0.0);
  (    290018.4, 3921282.3,      94.9,      94.9,       0.0);       (    290068.4,
3921282.3,      95.3,      95.3,       0.0);
  (    290118.4, 3921282.3,      95.3,      95.3,       0.0);       (    290168.4,
3921282.3,      95.3,      95.3,       0.0);
  (    272471.4, 3936794.6,      74.2,      74.2,       0.0);       (    272476.0,
3936850.8,      74.2,      74.2,       0.0);
  (    272476.0, 3936871.3,      74.2,      74.2,       0.0);       (    274071.4,
3937706.8,      85.3,      85.3,       0.0);
  (    274892.8, 3937698.3,      87.3,      87.3,       0.0);       (    276491.8,
3934413.9,      81.8,      81.8,       0.0);
  (    276608.2, 3934391.4,      80.0,      80.0,       0.0);       (    277368.5,
3932692.4,      80.7,      80.7,       0.0);
  (    277334.3, 3932295.8,      80.0,      80.0,       0.0);       (    278631.6,
3931856.5,      86.0,      86.0,       0.0);
  (    277069.2, 3930942.9,      79.2,      79.2,       0.0);       (    277106.0,
3930948.2,      79.2,      79.2,       0.0);
  (    277197.1, 3934369.8,      86.4,      86.4,       0.0);       (    278211.2,
3934459.9,      90.8,      90.8,       0.0);
  (    278462.5, 3934455.5,      90.6,      90.6,       0.0);       (    279439.6,
3934432.8,      90.4,      90.4,       0.0);
  (    279499.1, 3934425.5,      90.3,      90.3,       0.0);       (    279717.0,
3934532.6,      90.1,      90.1,       0.0);
  (    279787.5, 3934452.9,      90.2,      90.2,       0.0);       (    279767.3,
3934438.3,      90.2,      90.2,       0.0);
  (    279804.0, 3934534.4,      90.1,      90.1,       0.0);       (    279703.3,
3934467.6,      90.2,      90.2,       0.0);
  (    279959.6, 3934349.5,      90.2,      90.2,       0.0);       (    279070.3,
3929610.0,      81.3,      81.3,       0.0);
  (    281930.8, 3929546.7,      91.2,      91.2,       0.0);       (    278554.8,
3927380.3,      81.3,      81.3,       0.0);
  (    279013.6, 3927234.6,      81.5,      81.5,       0.0);       (    278705.3,
3927244.4,      81.5,      81.5,       0.0);
  (    278562.0, 3926445.5,      82.0,      82.0,       0.0);       (    278713.0,

```
3925869.7,      82.5,      82.5,       0.0);
  (    278400.6, 3925608.7,      82.8,      82.8,       0.0);       (    271067.8,
3926037.2,      79.0,      79.0,       0.0);
  (    271395.6, 3924492.1,      80.0,      80.0,       0.0);       (    274067.6,
3923356.9,      81.0,      81.0,       0.0);
  (    274170.4, 3923360.8,      81.2,      81.2,       0.0);       (    275491.3,
3924124.7,      88.9,      88.9,       0.0);
  (    275777.4, 3924326.5,      90.2,      90.2,       0.0);       (    274592.7,
3925325.1,      85.4,      85.4,       0.0);
  (    276220.6, 3928163.5,      81.5,      81.5,       0.0);       (    275219.9,
3922052.3,      82.0,      82.0,       0.0);
  (    275270.3, 3921833.3,      82.1,      82.1,       0.0);       (    277670.6,
3919962.1,      84.9,      84.9,       0.0);
  (    277749.0, 3919860.9,      85.0,      85.0,       0.0);       (    277676.8,
3919256.0,      84.0,      84.0,       0.0);
  (    277668.5, 3919214.7,      84.1,      84.1,       0.0);       (    277674.7,
3919183.7,      84.1,      84.1,       0.0);
  (    277672.6, 3919163.0,      84.1,      84.1,       0.0);       (    277666.4,
3919134.1,      84.1,      84.1,       0.0);
  (    279687.9, 3919922.9,      89.3,      89.3,       0.0);       (    280183.4,
3920697.2,      90.8,      90.8,       0.0);
  (    280769.2, 3923564.9,      84.6,      84.6,       0.0);       (    281572.5,
3923239.1,      84.8,      84.8,       0.0);
  (    281822.5, 3923557.3,      84.6,      84.6,       0.0);       (    285142.5,
3930154.2,      94.4,      94.4,       0.0);
  (    285957.1, 3930237.1,      95.1,      95.1,       0.0);       (    285974.2,
3928742.3,      95.8,      95.8,       0.0);
  (    288363.6, 3928593.6,      97.1,      97.1,       0.0);       (    289352.5,
3926975.9,      97.4,      97.4,       0.0);
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        14:33:56

                                  PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          ***  DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

   (    288289.3, 3926561.5,      96.8,      96.8,       0.0);       (    288275.0,
3925392.5,      96.0,      96.0,       0.0);
  (    287017.4, 3924475.1,      93.3,      93.3,       0.0);       (    286251.5,
3923926.3,      90.8,      90.8,       0.0);
  (    284335.0, 3919955.0,      88.4,      88.4,       0.0);       (    284280.3,
3922298.5,      88.6,      88.6,       0.0);
  (    284336.5, 3923354.8,      88.6,      88.6,       0.0);       (    285482.6,
3927687.9,      95.6,      95.6,       0.0);
```

```
   (   285071.0, 3927902.3,      95.4,      95.4,       0.0);       (   275130.9,
3920422.6,      81.8,      81.8,       0.0);
  (    275126.7, 3920327.6,      81.8,      81.8,       0.0);       (   275310.5,
3920329.7,      81.9,      81.9,       0.0);
  (    275318.8, 3920226.4,      82.0,      82.0,       0.0);       (   276099.3,
3920203.7,      81.6,      81.6,       0.0);
  (    276497.8, 3920226.4,      83.2,      83.2,       0.0);       (   276516.3,
3920602.2,      83.1,      83.1,       0.0);
  (    276144.7, 3920612.5,      82.1,      82.1,       0.0);       (   276144.7,
3920265.6,      81.7,      81.7,       0.0);
  (    276082.7, 3920249.1,      81.6,      81.6,       0.0);       (   276008.4,
3920383.3,      81.6,      81.6,       0.0);
  (    275880.4, 3920356.5,      81.6,      81.6,       0.0);       (   275756.5,
3920435.0,      81.6,      81.6,       0.0);
  (    275548.0, 3920507.2,      81.6,      81.6,       0.0);       (   275287.8,
3920600.1,      81.5,      81.5,       0.0);
  (    275217.6, 3920583.6,      81.5,      81.5,       0.0);       (   275180.4,
3920482.5,      81.7,      81.7,       0.0);
  (    275155.6, 3920435.0,      81.7,      81.7,       0.0);       (   289065.9,
3921312.9,      93.8,      93.8,       0.0);
  (    290675.7, 3921269.1,      95.5,      95.5,       0.0);       (   290637.3,
3919697.6,      95.3,      95.3,       0.0);
  (    289016.6, 3919735.9,      92.3,      92.3,       0.0);

  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        14:33:56

                                  PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                     *   SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                         LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL


                              SOURCE         -   - RECEPTOR LOCATION - -
DISTANCE
                                ID           XR   (METERS)   YR (METERS)
(METERS)
                           -   - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

                              L0172888            277670.6     3919962.1
-94.89
                              L0172888            277749.0     3919860.9
-127.88
```

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1  1 1  1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1  1 1  1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1  1 1  1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1  1 1  1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1  1 1  1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1  1 1  1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1  1 1  1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.



                                 *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                        (METERS/SEC)

                                                 1.54,   3.09,   5.14,   8.23,
10.80,


                                   *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

   Surface file:  ..\PM  SOLAR 8.15.24 TO RUN\WASCO_2007-2011.SFC
                Met Version:  18081
   Profile file:  ..\PM  SOLAR 8.15.24 TO RUN\WASCO_2007-2011.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:    99010                  Upper air station no.:    66666
                 Name: UNKNOWN                                      Name:  UNKNOWN

                 Year:  2007                                        Year:   2007

 First 24 hours of scalar data
 YR MO DY JDY HR    H0     U*       W*  DT/DZ ZICNV ZIMCH  M-O LEN   Z0   BOWEN
ALBEDO  REF  WS   WD     HT  REF TA    HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -
 07 01 01   1 01   -1.0  0.066 -9.000 -9.000 -999.   40.     26.2  0.04   0.72
1.00   0.50   311.    15.0  278.8    2.0
 07 01 01   1 02   -2.2  0.075 -9.000 -9.000 -999.   50.     17.3  0.04   0.72
1.00   1.00   308.    15.0  278.2    2.0
 07 01 01   1 03   -2.2  0.075 -9.000 -9.000 -999.   50.     17.3  0.04   0.72
1.00   1.00   314.    15.0  278.0    2.0
 07 01 01   1 04   -2.2  0.075 -9.000 -9.000 -999.   50.     17.3  0.04   0.72
1.00   1.00   313.    15.0  277.6    2.0
 07 01 01   1 05   -1.0  0.066 -9.000 -9.000 -999.   40.     26.3  0.04   0.72
1.00   0.50   303.    15.0  277.2    2.0
 07 01 01   1 06   -1.0  0.067 -9.000 -9.000 -999.   41.     26.6  0.04   0.72
1.00   0.50   252.    15.0  277.0    2.0
 07 01 01   1 07   -1.0  0.067 -9.000 -9.000 -999.   41.     26.6  0.04   0.72
1.00   0.50   245.    15.0  276.8    2.0
 07 01 01   1 08   -2.1  0.074 -9.000 -9.000 -999.   48.     17.2  0.04   0.72
0.61   1.00   243.    15.0  276.8    2.0
 07 01 01   1 09   14.3  0.096   0.291  0.007   62.   71.     -5.6  0.04   0.72
0.34   1.00   277.    15.0  278.2    2.0
 07 01 01   1 10   54.6  0.140   0.686  0.005  214.  126.     -4.5  0.04   0.72
0.25   1.50   301.    15.0  280.2    2.0
 07 01 01   1 11   83.5  0.146   0.978  0.005  405.  134.     -3.4  0.04   0.72
0.22   1.50   304.    15.0  281.2    2.0
 07 01 01   1 12   98.6  0.155   1.189  0.007  617.  146.     -3.4  0.04   0.72
0.21   1.50   296.    15.0  282.4    2.0
 07 01 01   1 13   99.0  0.149   1.257  0.008  726.  137.     -3.0  0.04   0.72
0.21   1.50   313.    15.0  283.2    2.0
 07 01 01   1 14   84.8  0.146   1.231  0.008  795.  134.     -3.3  0.04   0.72
0.22   1.50   329.    15.0  284.0    2.0
 07 01 01   1 15   56.6  0.135   1.096  0.008  839.  119.     -3.9  0.03   0.72
0.25   1.50   342.    15.0  284.4    2.0

```
 07 01 01   1 16   16.9  0.057   0.737  0.008  851.   35.     -1.0  0.03   0.72
0.34   0.50   334.    15.0  284.5    2.0
 07 01 01   1 17   -0.8  0.061  -9.000 -9.000 -999.   36.     24.6  0.03   0.72
0.60   0.50   161.    15.0  283.9    2.0
 07 01 01   1 18   -2.1  0.074  -9.000 -9.000 -999.   48.     17.0  0.03   0.72
1.00   1.00   157.    15.0  282.8    2.0
 07 01 01   1 19   -7.4  0.122  -9.000 -9.000 -999.  102.     21.9  0.03   0.72
1.00   2.10   174.    15.0  281.8    2.0
 07 01 01   1 20  -11.6  0.153  -9.000 -9.000 -999.  144.     28.0  0.03   0.72
1.00   2.60   177.    15.0  281.1    2.0
 07 01 01   1 21  -14.3  0.175  -9.000 -9.000 -999.  176.     34.1  0.07   0.72
1.00   2.60   190.    15.0  280.8    2.0
 07 01 01   1 22  -14.3  0.175  -9.000 -9.000 -999.  176.     34.1  0.07   0.72
1.00   2.60   202.    15.0  280.2    2.0
 07 01 01   1 23  -14.9  0.180  -9.000 -9.000 -999.  184.     35.8  0.07   0.72
1.00   2.60   210.    15.0  280.0    2.0
 07 01 01   1 24  -21.5  0.218  -9.000 -9.000 -999.  244.     52.3  0.07   0.72
1.00   3.10   220.    15.0  279.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD  AMB_TMP sigmaA  sigmaW  sigmaV
 07 01 01 01   15.0 1  311.    0.50    278.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 275884.34 | 3920210.53 | 0.15269 | 275904.34 | 3920210.53 | 0.15394 |
| 275924.34 | 3920210.53 | 0.15522 | 275944.34 | 3920210.53 | 0.15651 |
| 275964.34 | 3920210.53 | 0.15783 | 275984.34 | 3920210.53 | 0.15918 |
| 276004.34 | 3920210.53 | 0.16054 | 276024.34 | 3920210.53 | 0.16193 |
| 276044.34 | 3920210.53 | 0.16335 | 276064.34 | 3920210.53 | 0.16479 |
| 276084.34 | 3920210.53 | 0.16626 | 276104.34 | 3920210.53 | 0.16776 |
| 276124.34 | 3920210.53 | 0.16929 | 276144.34 | 3920210.53 | 0.17086 |
| 276164.34 | 3920210.53 | 0.17250 | 276184.34 | 3920210.53 | 0.17422 |
| 276204.34 | 3920210.53 | 0.17607 | 275324.34 | 3920230.53 | 0.12670 |
| 275344.34 | 3920230.53 | 0.12747 | 275364.34 | 3920230.53 | 0.12826 |
| 275384.34 | 3920230.53 | 0.12905 | 275404.34 | 3920230.53 | 0.12985 |
| 275424.34 | 3920230.53 | 0.13065 | 275444.34 | 3920230.53 | 0.13146 |
| 275464.34 | 3920230.53 | 0.13229 | 275484.34 | 3920230.53 | 0.13312 |
| 275504.34 | 3920230.53 | 0.13397 | 275524.34 | 3920230.53 | 0.13483 |
| 275544.34 | 3920230.53 | 0.13570 | 275564.34 | 3920230.53 | 0.13660 |
| 275584.34 | 3920230.53 | 0.13751 | 275604.34 | 3920230.53 | 0.13843 |
| 275624.34 | 3920230.53 | 0.13938 | 275644.34 | 3920230.53 | 0.14035 |
| 275664.34 | 3920230.53 | 0.14134 | 275684.34 | 3920230.53 | 0.14235 |
| 275704.34 | 3920230.53 | 0.14339 | 275724.34 | 3920230.53 | 0.14445 |
| 275744.34 | 3920230.53 | 0.14552 | 275764.34 | 3920230.53 | 0.14663 |
| 275784.34 | 3920230.53 | 0.14776 | 275804.34 | 3920230.53 | 0.14891 |
| 275824.34 | 3920230.53 | 0.15009 | 275844.34 | 3920230.53 | 0.15129 |
| 275864.34 | 3920230.53 | 0.15251 | 275884.34 | | |

```
3920230.53        0.15376
         275904.34    3920230.53        0.15503                          275924.34
3920230.53        0.15633
         275944.34    3920230.53        0.15765                          275964.34
3920230.53        0.15899
         275984.34    3920230.53        0.16036                          276004.34
3920230.53        0.16176
         276024.34    3920230.53        0.16317                          276044.34
3920230.53        0.16462
         276064.34    3920230.53        0.16609                          276084.34
3920230.53        0.16759
         276104.34    3920230.53        0.16912                          276124.34
3920230.53        0.17069
         276144.34    3920230.53        0.17232                          276164.34
3920230.53        0.17399
         276184.34    3920230.53        0.17574                          276204.34
3920230.53        0.17759
         276224.34    3920230.53        0.17944                          276244.34
3920230.53        0.18131
         276264.34    3920230.53        0.18320                          276284.34
3920230.53        0.18513
         276304.34    3920230.53        0.18710                          276324.34
3920230.53        0.18912
         276344.34    3920230.53        0.19121                          276364.34
3920230.53        0.19336
         276384.34    3920230.53        0.19560                          276404.34
3920230.53        0.19792
         276424.34    3920230.53        0.20033                          276444.34
3920230.53        0.20285
         276464.34    3920230.53        0.20546                          276484.34
3920230.53        0.20819
         275324.34    3920250.53        0.12738                          275344.34
3920250.53        0.12817
         275364.34    3920250.53        0.12896                          275384.34
3920250.53        0.12977
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                 L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
```

```
                L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         275404.34    3920250.53        0.13057                       275424.34
3920250.53        0.13139
         275444.34    3920250.53        0.13221                       275464.34
3920250.53        0.13305
         275484.34    3920250.53        0.13389                       275504.34
3920250.53        0.13475
         275524.34    3920250.53        0.13562                       275544.34
3920250.53        0.13651
         275564.34    3920250.53        0.13741                       275584.34
3920250.53        0.13834
         275604.34    3920250.53        0.13928                       275624.34
3920250.53        0.14024
         275644.34    3920250.53        0.14122                       275664.34
3920250.53        0.14223
         275684.34    3920250.53        0.14325                       275704.34
3920250.53        0.14430
         275724.34    3920250.53        0.14537                       275744.34
3920250.53        0.14647
         275764.34    3920250.53        0.14760                       275784.34
3920250.53        0.14874
         275804.34    3920250.53        0.14991                       275824.34
3920250.53        0.15111
         275844.34    3920250.53        0.15233                       275864.34
3920250.53        0.15358
         275884.34    3920250.53        0.15485                       275904.34
3920250.53        0.15614
         275924.34    3920250.53        0.15746                       275944.34
3920250.53        0.15880
         275964.34    3920250.53        0.16017                       275984.34
3920250.53        0.16157
         276004.34    3920250.53        0.16299                       276024.34
3920250.53        0.16444
         276044.34    3920250.53        0.16591                       276064.34
3920250.53        0.16741
         276104.34    3920250.53        0.17051                       276124.34
```

```
3920250.53        0.17212
         276144.34    3920250.53        0.17379                    276164.34
3920250.53        0.17551
         276184.34    3920250.53        0.17729                    276204.34
3920250.53        0.17915
         276224.34    3920250.53        0.18104                    276244.34
3920250.53        0.18296
         276264.34    3920250.53        0.18492                    276284.34
3920250.53        0.18691
         276304.34    3920250.53        0.18894                    276324.34
3920250.53        0.19103
         276344.34    3920250.53        0.19318                    276364.34
3920250.53        0.19540
         276384.34    3920250.53        0.19771                    276404.34
3920250.53        0.20011
         276424.34    3920250.53        0.20260                    276444.34
3920250.53        0.20519
         276464.34    3920250.53        0.20790                    276484.34
3920250.53        0.21072
         275324.34    3920270.53        0.12807                    275344.34
3920270.53        0.12887
         275364.34    3920270.53        0.12968                    275384.34
3920270.53        0.13049
         275404.34    3920270.53        0.13131                    275424.34
3920270.53        0.13213
         275444.34    3920270.53        0.13297                    275464.34
3920270.53        0.13381
         275484.34    3920270.53        0.13467                    275504.34
3920270.53        0.13554
         275524.34    3920270.53        0.13643                    275544.34
3920270.53        0.13732
         275564.34    3920270.53        0.13824                    275584.34
3920270.53        0.13917
         275604.34    3920270.53        0.14013                    275624.34
3920270.53        0.14110
         275644.34    3920270.53        0.14210                    275664.34
3920270.53        0.14312
         275684.34    3920270.53        0.14416                    275704.34
3920270.53        0.14522
         275724.34    3920270.53        0.14632                    275744.34
3920270.53        0.14743
         275764.34    3920270.53        0.14857                    275784.34
3920270.53        0.14974
         275804.34    3920270.53        0.15093                    275824.34
3920270.53        0.15214
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                 ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***       14:33:56
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0172211 , L0172212 , L0172213 , L0172214 , L0172215 ,
L0172216 , L0172217 , L0172218 , L0172219 , L0172220 , L0172221 , L0172222 , L0172223 ,
L0172224 , L0172225 , L0172226 , L0172227 , L0172228 , L0172229 , L0172230 , L0172231 ,
L0172232 , L0172233 , L0172234 , L0172235 , L0172236 , L0172237 , L0172238 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 275844.34 | 3920270.53 | 0.15338 | 275864.34 | 3920270.53 | 0.15465 |
| 275884.34 | 3920270.53 | 0.15594 | 275904.34 | 3920270.53 | 0.15726 |
| 275924.34 | 3920270.53 | 0.15860 | 275944.34 | 3920270.53 | 0.15997 |
| 275964.34 | 3920270.53 | 0.16137 | 275984.34 | 3920270.53 | 0.16279 |
| 276004.34 | 3920270.53 | 0.16424 | 276024.34 | 3920270.53 | 0.16571 |
| 276044.34 | 3920270.53 | 0.16722 | 276064.34 | 3920270.53 | 0.16875 |
| 276164.34 | 3920270.53 | 0.17705 | 276184.34 | 3920270.53 | 0.17887 |
| 276204.34 | 3920270.53 | 0.18076 | 276224.34 | 3920270.53 | 0.18269 |
| 276244.34 | 3920270.53 | 0.18465 | 276264.34 | 3920270.53 | 0.18667 |
| 276284.34 | 3920270.53 | 0.18872 | 276304.34 | 3920270.53 | 0.19082 |
| 276324.34 | 3920270.53 | 0.19297 | 276344.34 | 3920270.53 | 0.19519 |
| 276364.34 | 3920270.53 | 0.19749 | 276384.34 | 3920270.53 | 0.19987 |
| 276404.34 | 3920270.53 | 0.20235 | 276424.34 | | |

```
3920270.53        0.20493
         276444.34    3920270.53        0.20761                    276464.34
3920270.53        0.21041
         276484.34    3920270.53        0.21333                    275324.34
3920290.53        0.12877
         275344.34    3920290.53        0.12958                    275364.34
3920290.53        0.13040
         275384.34    3920290.53        0.13122                    275404.34
3920290.53        0.13205
         275424.34    3920290.53        0.13289                    275444.34
3920290.53        0.13373
         275464.34    3920290.53        0.13459                    275484.34
3920290.53        0.13546
         275504.34    3920290.53        0.13634                    275524.34
3920290.53        0.13724
         275544.34    3920290.53        0.13815                    275564.34
3920290.53        0.13908
         275584.34    3920290.53        0.14003                    275604.34
3920290.53        0.14099
         275624.34    3920290.53        0.14198                    275644.34
3920290.53        0.14299
         275664.34    3920290.53        0.14402                    275684.34
3920290.53        0.14508
         275704.34    3920290.53        0.14617                    275724.34
3920290.53        0.14727
         275744.34    3920290.53        0.14841                    275764.34
3920290.53        0.14957
         275784.34    3920290.53        0.15075                    275804.34
3920290.53        0.15196
         275824.34    3920290.53        0.15319                    275844.34
3920290.53        0.15445
         275864.34    3920290.53        0.15574                    275884.34
3920290.53        0.15706
         275904.34    3920290.53        0.15840                    275924.34
3920290.53        0.15976
         275944.34    3920290.53        0.16116                    275964.34
3920290.53        0.16258
         275984.34    3920290.53        0.16403                    276004.34
3920290.53        0.16551
         276024.34    3920290.53        0.16702                    276044.34
3920290.53        0.16855
         276164.34    3920290.53        0.17862                    276184.34
3920290.53        0.18048
         276204.34    3920290.53        0.18243                    276224.34
3920290.53        0.18439
         276244.34    3920290.53        0.18640                    276264.34
3920290.53        0.18847
         276284.34    3920290.53        0.19058                    276304.34
3920290.53        0.19275
         276324.34    3920290.53        0.19498                    276344.34
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         276444.34    3920290.53        0.21011                      276464.34
3920290.53        0.21301
         276484.34    3920290.53        0.21603                      275324.34
3920310.53        0.12948
         275344.34    3920310.53        0.13030                      275364.34
3920310.53        0.13113
         275384.34    3920310.53        0.13196                      275404.34
3920310.53        0.13280
         275424.34    3920310.53        0.13365                      275444.34
3920310.53        0.13451
         275464.34    3920310.53        0.13538                      275484.34
3920310.53        0.13626
         275504.34    3920310.53        0.13715                      275524.34
3920310.53        0.13806
         275544.34    3920310.53        0.13899                      275564.34

3920310.53 0.13993
275584.34 3920310.53 0.14089 275604.34
3920310.53 0.14186
275624.34 3920310.53 0.14287 275644.34
3920310.53 0.14389
275664.34 3920310.53 0.14494 275684.34
3920310.53 0.14602
275704.34 3920310.53 0.14712 275724.34
3920310.53 0.14825
275744.34 3920310.53 0.14939 275764.34
3920310.53 0.15057
275784.34 3920310.53 0.15177 275804.34
3920310.53 0.15300
275824.34 3920310.53 0.15426 275844.34
3920310.53 0.15554
275864.34 3920310.53 0.15685 275884.34
3920310.53 0.15819
275904.34 3920310.53 0.15955 275924.34
3920310.53 0.16094
275944.34 3920310.53 0.16236 275964.34
3920310.53 0.16382
275984.34 3920310.53 0.16529 276004.34
3920310.53 0.16680
276024.34 3920310.53 0.16834 276044.34
3920310.53 0.16990
276164.34 3920310.53 0.18023 276184.34
3920310.53 0.18213
276204.34 3920310.53 0.18411 276224.34
3920310.53 0.18613
276244.34 3920310.53 0.18820 276264.34
3920310.53 0.19032
276284.34 3920310.53 0.19250 276304.34
3920310.53 0.19473
276324.34 3920310.53 0.19703 276344.34
3920310.53 0.19940
276364.34 3920310.53 0.20185 276384.34
3920310.53 0.20439
276404.34 3920310.53 0.20704 276424.34
3920310.53 0.20980
276444.34 3920310.53 0.21268 276464.34
3920310.53 0.21569
276484.34 3920310.53 0.21882 275144.34
3920330.53 0.12293
275164.34 3920330.53 0.12371 275184.34
3920330.53 0.12450
275204.34 3920330.53 0.12529 275224.34
3920330.53 0.12610
275244.34 3920330.53 0.12691 275264.34
3920330.53 0.12772
275284.34 3920330.53 0.12854 275304.34

```
3920330.53        0.12936
         275324.34    3920330.53        0.13019                        275344.34
3920330.53        0.13103
         275364.34    3920330.53        0.13186                        275384.34
3920330.53        0.13271
         275404.34    3920330.53        0.13356                        275424.34
3920330.53        0.13442
         275444.34    3920330.53        0.13529                        275464.34
3920330.53        0.13617
         275484.34    3920330.53        0.13706                        275504.34
3920330.53        0.13797
         275524.34    3920330.53        0.13889                        275544.34
3920330.53        0.13982
         275564.34    3920330.53        0.14078                        275584.34
3920330.53        0.14175
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - --- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         275604.34    3920330.53        0.14275                        275624.34
3920330.53        0.14377
         275644.34    3920330.53        0.14481                        275664.34
3920330.53        0.14588
         275684.34    3920330.53        0.14697                        275704.34
```

3920330.53 0.14809
275724.34 3920330.53 0.14923 275744.34
3920330.53 0.15040
275764.34 3920330.53 0.15159 275784.34
3920330.53 0.15281
275804.34 3920330.53 0.15406 275824.34
3920330.53 0.15534
275844.34 3920330.53 0.15664 275864.34
3920330.53 0.15797
275884.34 3920330.53 0.15933 275904.34
3920330.53 0.16072
275924.34 3920330.53 0.16214 275944.34
3920330.53 0.16359
275964.34 3920330.53 0.16507 275984.34
3920330.53 0.16658
276004.34 3920330.53 0.16812 276024.34
3920330.53 0.16968
276164.34 3920330.53 0.18187 276184.34
3920330.53 0.18381
276204.34 3920330.53 0.18585 276224.34
3920330.53 0.18792
276244.34 3920330.53 0.19004 276264.34
3920330.53 0.19222
276284.34 3920330.53 0.19446 276304.34
3920330.53 0.19676
276324.34 3920330.53 0.19914 276344.34
3920330.53 0.20159
276364.34 3920330.53 0.20413 276384.34
3920330.53 0.20676
276404.34 3920330.53 0.20950 276424.34
3920330.53 0.21236
276444.34 3920330.53 0.21534 276464.34
3920330.53 0.21846
276484.34 3920330.53 0.22172 275144.34
3920350.53 0.12355
275164.34 3920350.53 0.12434 275184.34
3920350.53 0.12514
275204.34 3920350.53 0.12595 275224.34
3920350.53 0.12676
275244.34 3920350.53 0.12758 275264.34
3920350.53 0.12840
275284.34 3920350.53 0.12923 275304.34
3920350.53 0.13007
275324.34 3920350.53 0.13091 275344.34
3920350.53 0.13175
275364.34 3920350.53 0.13260 275384.34
3920350.53 0.13346
275404.34 3920350.53 0.13433 275424.34
3920350.53 0.13520
275444.34 3920350.53 0.13608 275464.34

```
3920350.53        0.13697
         275484.34    3920350.53        0.13788                        275504.34
3920350.53        0.13879
         275524.34    3920350.53        0.13973                        275544.34
3920350.53        0.14068
         275564.34    3920350.53        0.14165                        275584.34
3920350.53        0.14264
         275604.34    3920350.53        0.14365                        275624.34
3920350.53        0.14468
         275644.34    3920350.53        0.14574                        275664.34
3920350.53        0.14682
         275684.34    3920350.53        0.14793                        275704.34
3920350.53        0.14907
         275724.34    3920350.53        0.15023                        275744.34
3920350.53        0.15141
         275764.34    3920350.53        0.15263                        275784.34
3920350.53        0.15387
         275804.34    3920350.53        0.15514                        275824.34
3920350.53        0.15643
         275844.34    3920350.53        0.15776                        275864.34
3920350.53        0.15911
         275884.34    3920350.53        0.16049                        275904.34
3920350.53        0.16191
         275924.34    3920350.53        0.16335                        275944.34
3920350.53        0.16483
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 275964.34 | 3920350.53 | 0.16634 | 275984.34 | 3920350.53 | 0.16788 |
| 276004.34 | 3920350.53 | 0.16945 | 276024.34 | 3920350.53 | 0.17104 |
| 276164.34 | 3920350.53 | 0.18353 | 276184.34 | 3920350.53 | 0.18553 |
| 276204.34 | 3920350.53 | 0.18762 | 276224.34 | 3920350.53 | 0.18975 |
| 276244.34 | 3920350.53 | 0.19193 | 276264.34 | 3920350.53 | 0.19417 |
| 276284.34 | 3920350.53 | 0.19648 | 276304.34 | 3920350.53 | 0.19886 |
| 276324.34 | 3920350.53 | 0.20131 | 276344.34 | 3920350.53 | 0.20385 |
| 276364.34 | 3920350.53 | 0.20647 | 276384.34 | 3920350.53 | 0.20920 |
| 276404.34 | 3920350.53 | 0.21205 | 276424.34 | 3920350.53 | 0.21501 |
| 276444.34 | 3920350.53 | 0.21810 | 276464.34 | 3920350.53 | 0.22134 |
| 276484.34 | 3920350.53 | 0.22473 | 275144.34 | 3920370.53 | 0.12418 |
| 275164.34 | 3920370.53 | 0.12498 | 275184.34 | 3920370.53 | 0.12579 |
| 275204.34 | 3920370.53 | 0.12661 | 275224.34 | 3920370.53 | 0.12743 |
| 275244.34 | 3920370.53 | 0.12826 | 275264.34 | 3920370.53 | 0.12910 |
| 275284.34 | 3920370.53 | 0.12994 | 275304.34 | 3920370.53 | 0.13079 |
| 275324.34 | 3920370.53 | 0.13164 | 275344.34 | 3920370.53 | 0.13249 |
| 275364.34 | 3920370.53 | 0.13336 | 275384.34 | 3920370.53 | 0.13423 |
| 275404.34 | 3920370.53 | 0.13510 | 275424.34 | 3920370.53 | 0.13599 |
| 275444.34 | 3920370.53 | 0.13688 | 275464.34 | 3920370.53 | 0.13779 |
| 275484.34 | 3920370.53 | 0.13871 | 275504.34 | 3920370.53 | 0.13964 |
| 275524.34 | 3920370.53 | 0.14058 | 275544.34 | 3920370.53 | 0.14155 |
| 275564.34 | 3920370.53 | 0.14253 | 275584.34 | 3920370.53 | 0.14353 |
| 275604.34 | 3920370.53 | 0.14456 | 275624.34 | | |

```
3920370.53        0.14561
         275644.34    3920370.53        0.14668                          275664.34
3920370.53        0.14778
         275684.34    3920370.53        0.14891                          275704.34
3920370.53        0.15006
         275724.34    3920370.53        0.15124                          275744.34
3920370.53        0.15244
         275764.34    3920370.53        0.15368                          275784.34
3920370.53        0.15494
         275804.34    3920370.53        0.15623                          275824.34
3920370.53        0.15755
         275844.34    3920370.53        0.15889                          275964.34
3920370.53        0.16764
         275984.34    3920370.53        0.16921                          276004.34
3920370.53        0.17080
         276164.34    3920370.53        0.18524                          276184.34
3920370.53        0.18730
         276204.34    3920370.53        0.18944                          276224.34
3920370.53        0.19162
         276244.34    3920370.53        0.19387                          276264.34
3920370.53        0.19618
         276284.34    3920370.53        0.19856                          276304.34
3920370.53        0.20101
         276324.34    3920370.53        0.20355                          276344.34
3920370.53        0.20617
         276364.34    3920370.53        0.20890                          276384.34
3920370.53        0.21173
         276404.34    3920370.53        0.21468                          276424.34
3920370.53        0.21776
         276444.34    3920370.53        0.22097                          276464.34
3920370.53        0.22434
         276484.34    3920370.53        0.22787                          276504.34
3920370.53        0.23158
         275144.34    3920390.53        0.12481                          275164.34
3920390.53        0.12563
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                 L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
```

```
                L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         275184.34    3920390.53        0.12645                       275204.34
3920390.53        0.12728
         275224.34    3920390.53        0.12811                       275244.34
3920390.53        0.12895
         275264.34    3920390.53        0.12980                       275284.34
3920390.53        0.13065
         275304.34    3920390.53        0.13151                       275324.34
3920390.53        0.13238
         275344.34    3920390.53        0.13325                       275364.34
3920390.53        0.13412
         275384.34    3920390.53        0.13500                       275404.34
3920390.53        0.13589
         275424.34    3920390.53        0.13679                       275444.34
3920390.53        0.13770
         275464.34    3920390.53        0.13861                       275484.34
3920390.53        0.13955
         275504.34    3920390.53        0.14049                       275524.34
3920390.53        0.14145
         275544.34    3920390.53        0.14243                       275564.34
3920390.53        0.14343
         275584.34    3920390.53        0.14444                       275604.34
3920390.53        0.14549
         275624.34    3920390.53        0.14655                       275644.34
3920390.53        0.14764
         275664.34    3920390.53        0.14876                       275684.34
3920390.53        0.14990
         275704.34    3920390.53        0.15107                       275724.34
3920390.53        0.15227
         275744.34    3920390.53        0.15349                       275764.34
3920390.53        0.15475
         275784.34    3920390.53        0.15603                       275804.34
3920390.53        0.15734
         275824.34    3920390.53        0.15867                       276164.34
3920390.53        0.18699
         276184.34    3920390.53        0.18910                       276204.34
```

```
3920390.53        0.19130
         276224.34    3920390.53        0.19355                    276244.34
3920390.53        0.19586
         276264.34    3920390.53        0.19824                    276284.34
3920390.53        0.20070
         276304.34    3920390.53        0.20324                    276324.34
3920390.53        0.20586
         276344.34    3920390.53        0.20858                    276364.34
3920390.53        0.21140
         276384.34    3920390.53        0.21434                    276404.34
3920390.53        0.21741
         276424.34    3920390.53        0.22061                    276444.34
3920390.53        0.22396
         276464.34    3920390.53        0.22747                    276484.34
3920390.53        0.23115
         276504.34    3920390.53        0.23501                    275144.34
3920410.53        0.12545
         275164.34    3920410.53        0.12628                    275184.34
3920410.53        0.12711
         275204.34    3920410.53        0.12795                    275224.34
3920410.53        0.12880
         275244.34    3920410.53        0.12965                    275264.34
3920410.53        0.13051
         275284.34    3920410.53        0.13138                    275304.34
3920410.53        0.13225
         275324.34    3920410.53        0.13313                    275344.34
3920410.53        0.13401
         275364.34    3920410.53        0.13490                    275384.34
3920410.53        0.13579
         275404.34    3920410.53        0.13669                    275424.34
3920410.53        0.13760
         275444.34    3920410.53        0.13852                    275464.34
3920410.53        0.13945
         275484.34    3920410.53        0.14040                    275504.34
3920410.53        0.14135
         275524.34    3920410.53        0.14233                    275544.34
3920410.53        0.14332
         275564.34    3920410.53        0.14433                    275584.34
3920410.53        0.14537
         275604.34    3920410.53        0.14642                    275624.34
3920410.53        0.14750
         275644.34    3920410.53        0.14861                    275664.34
3920410.53        0.14974
         275684.34    3920410.53        0.15090                    275704.34
3920410.53        0.15209
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                 ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***       14:33:56
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0172211 , L0172212 , L0172213 , L0172214 , L0172215 ,
L0172216 , L0172217 , L0172218 , L0172219 , L0172220 , L0172221 , L0172222 , L0172223 ,
L0172224 , L0172225 , L0172226 , L0172227 , L0172228 , L0172229 , L0172230 , L0172231 ,
L0172232 , L0172233 , L0172234 , L0172235 , L0172236 , L0172237 , L0172238 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 275724.34 | 3920410.53 | 0.15331 | 275744.34 | 3920410.53 | 0.15455 |
| 275764.34 | 3920410.53 | 0.15583 | 275784.34 | 3920410.53 | 0.15713 |
| 276164.34 | 3920410.53 | 0.18877 | 276184.34 | 3920410.53 | 0.19095 |
| 276204.34 | 3920410.53 | 0.19321 | 276224.34 | 3920410.53 | 0.19552 |
| 276244.34 | 3920410.53 | 0.19791 | 276264.34 | 3920410.53 | 0.20037 |
| 276284.34 | 3920410.53 | 0.20291 | 276304.34 | 3920410.53 | 0.20553 |
| 276324.34 | 3920410.53 | 0.20826 | 276344.34 | 3920410.53 | 0.21108 |
| 276364.34 | 3920410.53 | 0.21401 | 276384.34 | 3920410.53 | 0.21706 |
| 276404.34 | 3920410.53 | 0.22025 | 276424.34 | 3920410.53 | 0.22358 |
| 276444.34 | 3920410.53 | 0.22707 | 276464.34 | 3920410.53 | 0.23073 |
| 276484.34 | 3920410.53 | 0.23458 | 276504.34 | 3920410.53 | 0.23861 |
| 275164.34 | 3920430.53 | 0.12694 | 275184.34 | 3920430.53 | 0.12778 |
| 275204.34 | 3920430.53 | 0.12864 | 275224.34 | | |

3920430.53 0.12950
275244.34 3920430.53 0.13036 275264.34
3920430.53 0.13123
275284.34 3920430.53 0.13211 275304.34
3920430.53 0.13299
275324.34 3920430.53 0.13388 275344.34
3920430.53 0.13478
275364.34 3920430.53 0.13568 275384.34
3920430.53 0.13659
275404.34 3920430.53 0.13750 275424.34
3920430.53 0.13843
275444.34 3920430.53 0.13936 275464.34
3920430.53 0.14030
275484.34 3920430.53 0.14126 275504.34
3920430.53 0.14223
275524.34 3920430.53 0.14322 275544.34
3920430.53 0.14423
275564.34 3920430.53 0.14525 275584.34
3920430.53 0.14630
275604.34 3920430.53 0.14737 275624.34
3920430.53 0.14847
275644.34 3920430.53 0.14959 275664.34
3920430.53 0.15074
275684.34 3920430.53 0.15192 275704.34
3920430.53 0.15313
275724.34 3920430.53 0.15437 275744.34
3920430.53 0.15563
276164.34 3920430.53 0.19059 276184.34
3920430.53 0.19284
276204.34 3920430.53 0.19516 276224.34
3920430.53 0.19755
276244.34 3920430.53 0.20001 276264.34
3920430.53 0.20256
276284.34 3920430.53 0.20519 276304.34
3920430.53 0.20791
276324.34 3920430.53 0.21073 276344.34
3920430.53 0.21366
276364.34 3920430.53 0.21671 276384.34
3920430.53 0.21988
276404.34 3920430.53 0.22320 276424.34
3920430.53 0.22668
276444.34 3920430.53 0.23032 276464.34
3920430.53 0.23415
276484.34 3920430.53 0.23816 276504.34
3920430.53 0.24239
275164.34 3920450.53 0.12761 275184.34
3920450.53 0.12846
275204.34 3920450.53 0.12933 275224.34
3920450.53 0.13020
275244.34 3920450.53 0.13108 275264.34

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         275364.34    3920450.53        0.13647                      275384.34
3920450.53        0.13739
         275404.34    3920450.53        0.13832                      275424.34
3920450.53        0.13926
         275444.34    3920450.53        0.14020                      275464.34
3920450.53        0.14116
         275484.34    3920450.53        0.14213                      275504.34
3920450.53        0.14312
         275524.34    3920450.53        0.14412                      275544.34
3920450.53        0.14514
         275564.34    3920450.53        0.14619                      275584.34
3920450.53        0.14725
         275604.34    3920450.53        0.14834                      275624.34
3920450.53        0.14945
         275644.34    3920450.53        0.15059                      275664.34

```
3920450.53        0.15176
         275684.34    3920450.53        0.15296                    275704.34
3920450.53        0.15418
         276164.34    3920450.53        0.19245                    276184.34
3920450.53        0.19477
         276204.34    3920450.53        0.19716                    276224.34
3920450.53        0.19963
         276244.34    3920450.53        0.20218                    276264.34
3920450.53        0.20481
         276284.34    3920450.53        0.20754                    276304.34
3920450.53        0.21036
         276324.34    3920450.53        0.21329                    276344.34
3920450.53        0.21634
         276364.34    3920450.53        0.21951                    276384.34
3920450.53        0.22282
         276404.34    3920450.53        0.22628                    276424.34
3920450.53        0.22991
         276444.34    3920450.53        0.23372                    276464.34
3920450.53        0.23773
         276484.34    3920450.53        0.24193                    276504.34
3920450.53        0.24637
         275184.34    3920470.53        0.12915                    275204.34
3920470.53        0.13003
         275224.34    3920470.53        0.13091                    275244.34
3920470.53        0.13180
         275264.34    3920470.53        0.13270                    275284.34
3920470.53        0.13360
         275304.34    3920470.53        0.13451                    275324.34
3920470.53        0.13543
         275344.34    3920470.53        0.13635                    275364.34
3920470.53        0.13728
         275384.34    3920470.53        0.13821                    275404.34
3920470.53        0.13915
         275424.34    3920470.53        0.14010                    275444.34
3920470.53        0.14106
         275464.34    3920470.53        0.14203                    275484.34
3920470.53        0.14302
         275504.34    3920470.53        0.14402                    275524.34
3920470.53        0.14504
         275544.34    3920470.53        0.14607                    275564.34
3920470.53        0.14713
         275584.34    3920470.53        0.14821                    275604.34
3920470.53        0.14931
         275624.34    3920470.53        0.15044                    275644.34
3920470.53        0.15160
         276164.34    3920470.53        0.19435                    276184.34
3920470.53        0.19674
         276204.34    3920470.53        0.19921                    276224.34
3920470.53        0.20176
         276244.34    3920470.53        0.20440                    276264.34
```

```
3920470.53        0.20713
         276284.34    3920470.53        0.20996                      276304.34
3920470.53        0.21289
         276324.34    3920470.53        0.21594                      276344.34
3920470.53        0.21912
         276364.34    3920470.53        0.22242                      276384.34
3920470.53        0.22589
         276404.34    3920470.53        0.22950                      276424.34
3920470.53        0.23330
         276444.34    3920470.53        0.23728                      276464.34
3920470.53        0.24148
         276484.34    3920470.53        0.24590                      276504.34
3920470.53        0.25056
         275184.34    3920490.53        0.12984                      275204.34
3920490.53        0.13073
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - --- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         275224.34    3920490.53        0.13163                      275244.34
3920490.53        0.13253
         275264.34    3920490.53        0.13344                      275284.34
3920490.53        0.13436
         275304.34    3920490.53        0.13528                      275324.34
```

```
3920490.53        0.13621
         275344.34    3920490.53        0.13715                    275364.34
3920490.53        0.13809
         275384.34    3920490.53        0.13904                    275404.34
3920490.53        0.13999
         275424.34    3920490.53        0.14096                    275444.34
3920490.53        0.14193
         275464.34    3920490.53        0.14292                    275484.34
3920490.53        0.14392
         275504.34    3920490.53        0.14493                    275524.34
3920490.53        0.14596
         275544.34    3920490.53        0.14701                    275564.34
3920490.53        0.14809
         275584.34    3920490.53        0.14918                    276164.34
3920490.53        0.19630
         276184.34    3920490.53        0.19877                    276204.34
3920490.53        0.20132
         276224.34    3920490.53        0.20395                    276244.34
3920490.53        0.20669
         276264.34    3920490.53        0.20952                    276284.34
3920490.53        0.21245
         276304.34    3920490.53        0.21551                    276324.34
3920490.53        0.21869
         276344.34    3920490.53        0.22200                    276364.34
3920490.53        0.22545
         276384.34    3920490.53        0.22907                    276404.34
3920490.53        0.23286
         276424.34    3920490.53        0.23684                    276444.34
3920490.53        0.24102
         276464.34    3920490.53        0.24544                    276484.34
3920490.53        0.25009
         276504.34    3920490.53        0.25499                    275204.34
3920510.53        0.13145
         275224.34    3920510.53        0.13236                    275244.34
3920510.53        0.13327
         275264.34    3920510.53        0.13420                    275284.34
3920510.53        0.13513
         275304.34    3920510.53        0.13607                    275324.34
3920510.53        0.13701
         275344.34    3920510.53        0.13796                    275364.34
3920510.53        0.13891
         275384.34    3920510.53        0.13988                    275404.34
3920510.53        0.14085
         275424.34    3920510.53        0.14182                    275444.34
3920510.53        0.14281
         275464.34    3920510.53        0.14381                    275484.34
3920510.53        0.14483
         275504.34    3920510.53        0.14586                    275524.34
3920510.53        0.14690
         276164.34    3920510.53        0.19830                    276184.34
```

```
3920510.53        0.20085
         276204.34    3920510.53        0.20348                      276224.34
3920510.53        0.20621
         276244.34    3920510.53        0.20904                      276264.34
3920510.53        0.21198
         276284.34    3920510.53        0.21504                      276304.34
3920510.53        0.21822
         276324.34    3920510.53        0.22153                      276344.34
3920510.53        0.22499
         276364.34    3920510.53        0.22861                      276384.34
3920510.53        0.23240
         276404.34    3920510.53        0.23638                      276424.34
3920510.53        0.24057
         276444.34    3920510.53        0.24497                      276464.34
3920510.53        0.24961
         276484.34    3920510.53        0.25452                      276504.34
3920510.53        0.25971
         275204.34    3920530.53        0.13217                      275224.34
3920530.53        0.13309
         275244.34    3920530.53        0.13402                      275264.34
3920530.53        0.13496
         275284.34    3920530.53        0.13590                      275304.34
3920530.53        0.13686
         275324.34    3920530.53        0.13781                      275344.34
3920530.53        0.13878
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 275364.34 | 3920530.53 | 0.13975 | 275384.34 | 3920530.53 | 0.14072 |
| 275404.34 | 3920530.53 | 0.14171 | 275424.34 | 3920530.53 | 0.14270 |
| 275444.34 | 3920530.53 | 0.14370 | 275464.34 | 3920530.53 | 0.14472 |
| 276164.34 | 3920530.53 | 0.20035 | 276184.34 | 3920530.53 | 0.20298 |
| 276204.34 | 3920530.53 | 0.20570 | 276224.34 | 3920530.53 | 0.20852 |
| 276244.34 | 3920530.53 | 0.21147 | 276264.34 | 3920530.53 | 0.21452 |
| 276284.34 | 3920530.53 | 0.21771 | 276304.34 | 3920530.53 | 0.22103 |
| 276324.34 | 3920530.53 | 0.22449 | 276344.34 | 3920530.53 | 0.22811 |
| 276364.34 | 3920530.53 | 0.23190 | 276384.34 | 3920530.53 | 0.23588 |
| 276404.34 | 3920530.53 | 0.24007 | 276424.34 | 3920530.53 | 0.24448 |
| 276444.34 | 3920530.53 | 0.24913 | 276464.34 | 3920530.53 | 0.25404 |
| 276484.34 | 3920530.53 | 0.25923 | 276504.34 | 3920530.53 | 0.26474 |
| 275224.34 | 3920550.53 | 0.13384 | 275244.34 | 3920550.53 | 0.13478 |
| 275264.34 | 3920550.53 | 0.13573 | 275284.34 | 3920550.53 | 0.13669 |
| 275304.34 | 3920550.53 | 0.13766 | 275324.34 | 3920550.53 | 0.13863 |
| 275344.34 | 3920550.53 | 0.13961 | 275364.34 | 3920550.53 | 0.14059 |
| 275384.34 | 3920550.53 | 0.14158 | 275404.34 | 3920550.53 | 0.14258 |
| 275424.34 | 3920550.53 | 0.14359 | 276164.34 | 3920550.53 | 0.20244 |
| 276184.34 | 3920550.53 | 0.20515 | 276204.34 | 3920550.53 | 0.20798 |
| 276224.34 | 3920550.53 | 0.21091 | 276244.34 | 3920550.53 | 0.21397 |
| 276264.34 | 3920550.53 | 0.21715 | 276284.34 | 3920550.53 | 0.22047 |
| 276304.34 | 3920550.53 | 0.22394 | 276324.34 | 3920550.53 | 0.22756 |
| 276344.34 | 3920550.53 | 0.23136 | 276364.34 | | |

```
3920550.53        0.23535
         276384.34    3920550.53        0.23953                        276404.34
3920550.53        0.24396
         276424.34    3920550.53        0.24861                        276444.34
3920550.53        0.25353
         276464.34    3920550.53        0.25874                        276484.34
3920550.53        0.26426
         276504.34    3920550.53        0.27013                        275224.34
3920570.53        0.13459
         275244.34    3920570.53        0.13554                        275264.34
3920570.53        0.13651
         275284.34    3920570.53        0.13748                        275304.34
3920570.53        0.13847
         275324.34    3920570.53        0.13945                        275344.34
3920570.53        0.14045
         275364.34    3920570.53        0.14144                        276164.34
3920570.53        0.20459
         276184.34    3920570.53        0.20739                        276204.34
3920570.53        0.21031
         276224.34    3920570.53        0.21336                        276244.34
3920570.53        0.21654
         276264.34    3920570.53        0.21986                        276284.34
3920570.53        0.22333
         276304.34    3920570.53        0.22696                        276324.34
3920570.53        0.23076
         276344.34    3920570.53        0.23475                        276364.34
3920570.53        0.23895
         276384.34    3920570.53        0.24337                        276404.34
3920570.53        0.24804
         276424.34    3920570.53        0.25299                        276444.34
3920570.53        0.25822
         276464.34    3920570.53        0.26376                        276484.34
3920570.53        0.26966
         276504.34    3920570.53        0.27593                        275264.34
3920590.53        0.13728
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                 L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
```

```
                 L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                 L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         275284.34    3920590.53        0.13828                       275304.34
3920590.53        0.13928
         276164.34    3920590.53        0.20677                       276184.34
3920590.53        0.20967
         276204.34    3920590.53        0.21271                       276224.34
3920590.53        0.21588
         276244.34    3920590.53        0.21920                       276264.34
3920590.53        0.22266
         276284.34    3920590.53        0.22630                       276304.34
3920590.53        0.23011
         276324.34    3920590.53        0.23410                       276344.34
3920590.53        0.23830
         276364.34    3920590.53        0.24274                       276384.34
3920590.53        0.24742
         276404.34    3920590.53        0.25238                       276424.34
3920590.53        0.25764
         276444.34    3920590.53        0.26323                       276464.34
3920590.53        0.26916
         276484.34    3920590.53        0.27548                       276504.34
3920590.53        0.28224
         276164.34    3920610.53        0.20901                       276184.34
3920610.53        0.21202
         276204.34    3920610.53        0.21517                       289218.43
3919732.28        0.15409
         289268.43    3919732.28        0.15231                       289318.43
3919732.28        0.15059
         289368.43    3919732.28        0.14891                       289418.43
3919732.28        0.14722
         289468.43    3919732.28        0.14555                       289518.43
3919732.28        0.14389
         289568.43    3919732.28        0.14226                       289618.43
3919732.28        0.14066
         289668.43    3919732.28        0.13906                       289718.43
3919732.28        0.13750
         289768.43    3919732.28        0.13595                       289818.43
```

```
3919732.28        0.13441
         289868.43    3919732.28        0.13290                    289918.43
3919732.28        0.13147
         289968.43    3919732.28        0.12998                    290018.43
3919732.28        0.12846
         290068.43    3919732.28        0.12704                    290118.43
3919732.28        0.12570
         290168.43    3919732.28        0.12440                    290218.43
3919732.28        0.12311
         290268.43    3919732.28        0.12180                    290318.43
3919732.28        0.12053
         290368.43    3919732.28        0.11927                    290418.43
3919732.28        0.11804
         290468.43    3919732.28        0.11683                    290518.43
3919732.28        0.11562
         290568.43    3919732.28        0.11440                    290618.43
3919732.28        0.11323
         289018.43    3919782.28        0.16341                    289068.43
3919782.28        0.16148
         289118.43    3919782.28        0.15959                    289168.43
3919782.28        0.15769
         289218.43    3919782.28        0.15583                    289268.43
3919782.28        0.15401
         289318.43    3919782.28        0.15220                    289368.43
3919782.28        0.15045
         289418.43    3919782.28        0.14870                    289468.43
3919782.28        0.14698
         289518.43    3919782.28        0.14526                    289568.43
3919782.28        0.14358
         289618.43    3919782.28        0.14191                    289668.43
3919782.28        0.14026
         289718.43    3919782.28        0.13866                    289768.43
3919782.28        0.13708
         289818.43    3919782.28        0.13550                    289868.43
3919782.28        0.13399
         289918.43    3919782.28        0.13248                    289968.43
3919782.28        0.13096
         290018.43    3919782.28        0.12942                    290068.43
3919782.28        0.12797
         290118.43    3919782.28        0.12659                    290168.43
3919782.28        0.12527
         290218.43    3919782.28        0.12392                    290268.43
3919782.28        0.12259
         290318.43    3919782.28        0.12128                    290368.43
3919782.28        0.12002
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                 ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***       14:33:56
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0172211 , L0172212 , L0172213 , L0172214 , L0172215 , L0172216 , L0172217 , L0172218 , L0172219 , L0172220 , L0172221 , L0172222 , L0172223 , L0172224 , L0172225 , L0172226 , L0172227 , L0172228 , L0172229 , L0172230 , L0172231 , L0172232 , L0172233 , L0172234 , L0172235 , L0172236 , L0172237 , L0172238 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 290418.43 | 3919782.28 | 0.11875 | 290468.43 | 3919782.28 | 0.11752 |
| 290518.43 | 3919782.28 | 0.11631 | 290568.43 | 3919782.28 | 0.11506 |
| 290618.43 | 3919782.28 | 0.11383 | 289068.43 | 3919832.28 | 0.16344 |
| 289118.43 | 3919832.28 | 0.16147 | 289168.43 | 3919832.28 | 0.15951 |
| 289218.43 | 3919832.28 | 0.15759 | 289268.43 | 3919832.28 | 0.15567 |
| 289318.43 | 3919832.28 | 0.15382 | 289368.43 | 3919832.28 | 0.15200 |
| 289418.43 | 3919832.28 | 0.15018 | 289468.43 | 3919832.28 | 0.14839 |
| 289518.43 | 3919832.28 | 0.14664 | 289568.43 | 3919832.28 | 0.14490 |
| 289618.43 | 3919832.28 | 0.14317 | 289668.43 | 3919832.28 | 0.14146 |
| 289718.43 | 3919832.28 | 0.13981 | 289768.43 | 3919832.28 | 0.13818 |
| 289818.43 | 3919832.28 | 0.13655 | 289868.43 | 3919832.28 | 0.13494 |
| 289918.43 | 3919832.28 | 0.13337 | 289968.43 | 3919832.28 | 0.13189 |
| 290018.43 | 3919832.28 | 0.13041 | 290068.43 | | |

```
3919832.28        0.12898
         290118.43    3919832.28        0.12757                    290168.43
3919832.28        0.12615
         290218.43    3919832.28        0.12474                    290268.43
3919832.28        0.12336
         290318.43    3919832.28        0.12202                    290368.43
3919832.28        0.12073
         290418.43    3919832.28        0.11946                    290468.43
3919832.28        0.11819
         290518.43    3919832.28        0.11692                    290568.43
3919832.28        0.11565
         290618.43    3919832.28        0.11440                    289068.43
3919882.28        0.16542
         289118.43    3919882.28        0.16336                    289168.43
3919882.28        0.16134
         289218.43    3919882.28        0.15933                    289268.43
3919882.28        0.15738
         289318.43    3919882.28        0.15543                    289368.43
3919882.28        0.15354
         289418.43    3919882.28        0.15167                    289468.43
3919882.28        0.14982
         289518.43    3919882.28        0.14800                    289568.43
3919882.28        0.14621
         289618.43    3919882.28        0.14443                    289668.43
3919882.28        0.14269
         289718.43    3919882.28        0.14096                    289768.43
3919882.28        0.13927
         289818.43    3919882.28        0.13760                    289868.43
3919882.28        0.13595
         289918.43    3919882.28        0.13433                    289968.43
3919882.28        0.13284
         290018.43    3919882.28        0.13146                    290068.43
3919882.28        0.13003
         290118.43    3919882.28        0.12854                    290168.43
3919882.28        0.12704
         290218.43    3919882.28        0.12558                    290268.43
3919882.28        0.12415
         290318.43    3919882.28        0.12279                    290368.43
3919882.28        0.12144
         290418.43    3919882.28        0.12016                    290468.43
3919882.28        0.11887
         290518.43    3919882.28        0.11756                    290568.43
3919882.28        0.11626
         290618.43    3919882.28        0.11500                    289068.43
3919932.28        0.16742
         289118.43    3919932.28        0.16528                    289168.43
3919932.28        0.16317
         289218.43    3919932.28        0.16111                    289268.43
3919932.28        0.15907
         289318.43    3919932.28        0.15706                    289368.43
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         289618.43    3919932.28        0.14571                      289668.43
3919932.28        0.14391
         289718.43    3919932.28        0.14214                      289768.43
3919932.28        0.14039
         289818.43    3919932.28        0.13870                      289868.43
3919932.28        0.13703
         289918.43    3919932.28        0.13539                      289968.43
3919932.28        0.13394
         290018.43    3919932.28        0.13254                      290068.43
3919932.28        0.13108
         290118.43    3919932.28        0.12951                      290168.43
3919932.28        0.12795
         290218.43    3919932.28        0.12644                      290268.43
3919932.28        0.12497
         290318.43    3919932.28        0.12353                      290368.43

3919932.28 0.12213
290418.43 3919932.28 0.12078 290468.43
3919932.28 0.11948
290518.43 3919932.28 0.11814 290568.43
3919932.28 0.11683
290618.43 3919932.28 0.11555 289068.43
3919982.28 0.16942
289118.43 3919982.28 0.16720 289168.43
3919982.28 0.16503
289218.43 3919982.28 0.16287 289268.43
3919982.28 0.16076
289318.43 3919982.28 0.15868 289368.43
3919982.28 0.15663
289418.43 3919982.28 0.15462 289468.43
3919982.28 0.15266
289518.43 3919982.28 0.15073 289568.43
3919982.28 0.14885
289618.43 3919982.28 0.14699 289668.43
3919982.28 0.14513
289718.43 3919982.28 0.14331 289768.43
3919982.28 0.14153
289818.43 3919982.28 0.13978 289868.43
3919982.28 0.13807
289918.43 3919982.28 0.13643 289968.43
3919982.28 0.13497
290018.43 3919982.28 0.13357 290068.43
3919982.28 0.13208
290118.43 3919982.28 0.13043 290168.43
3919982.28 0.12881
290218.43 3919982.28 0.12728 290268.43
3919982.28 0.12578
290318.43 3919982.28 0.12430 290368.43
3919982.28 0.12285
290418.43 3919982.28 0.12143 290468.43
3919982.28 0.12004
290518.43 3919982.28 0.11868 290568.43
3919982.28 0.11739
290618.43 3919982.28 0.11607 289068.43
3920032.28 0.17144
289118.43 3920032.28 0.16916 289168.43
3920032.28 0.16687
289218.43 3920032.28 0.16464 289268.43
3920032.28 0.16244
289318.43 3920032.28 0.16028 289368.43
3920032.28 0.15818
289418.43 3920032.28 0.15609 289468.43
3920032.28 0.15407
289518.43 3920032.28 0.15208 289568.43
3920032.28 0.15016
289618.43 3920032.28 0.14823 289668.43

3920032.28        0.14635
         289718.43    3920032.28        0.14447                      289768.43
3920032.28        0.14264
         289818.43    3920032.28        0.14084                      289868.43
3920032.28        0.13909
         289918.43    3920032.28        0.13747                      289968.43
3920032.28        0.13597
         290018.43    3920032.28        0.13450                      290068.43
3920032.28        0.13295
         290118.43    3920032.28        0.13130                      290168.43
3920032.28        0.12970
         290218.43    3920032.28        0.12813                      290268.43
3920032.28        0.12659
         290318.43    3920032.28        0.12508                      290368.43
3920032.28        0.12360
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - --- - - -

```
3920082.28        0.17348
         289118.43    3920082.28        0.17109                    289168.43
3920082.28        0.16873
         289218.43    3920082.28        0.16642                    289268.43
3920082.28        0.16414
         289318.43    3920082.28        0.16189                    289368.43
3920082.28        0.15972
         289418.43    3920082.28        0.15758                    289468.43
3920082.28        0.15548
         289518.43    3920082.28        0.15343                    289568.43
3920082.28        0.15143
         289618.43    3920082.28        0.14944                    289668.43
3920082.28        0.14748
         289718.43    3920082.28        0.14555                    289768.43
3920082.28        0.14366
         289818.43    3920082.28        0.14183                    289868.43
3920082.28        0.14009
         289918.43    3920082.28        0.13845                    289968.43
3920082.28        0.13684
         290018.43    3920082.28        0.13528                    290068.43
3920082.28        0.13369
         290118.43    3920082.28        0.13205                    290168.43
3920082.28        0.13042
         290218.43    3920082.28        0.12885                    290268.43
3920082.28        0.12730
         290318.43    3920082.28        0.12577                    290368.43
3920082.28        0.12426
         290418.43    3920082.28        0.12279                    290468.43
3920082.28        0.12133
         290518.43    3920082.28        0.11993                    290568.43
3920082.28        0.11853
         290618.43    3920082.28        0.11718                    289068.43
3920132.28        0.17553
         289118.43    3920132.28        0.17304                    289168.43
3920132.28        0.17059
         289218.43    3920132.28        0.16819                    289268.43
3920132.28        0.16583
         289318.43    3920132.28        0.16352                    289368.43
3920132.28        0.16126
         289418.43    3920132.28        0.15905                    289468.43
3920132.28        0.15689
         289518.43    3920132.28        0.15477                    289568.43
3920132.28        0.15271
         289618.43    3920132.28        0.15067                    289668.43
3920132.28        0.14867
         289718.43    3920132.28        0.14670                    289768.43
3920132.28        0.14474
         289818.43    3920132.28        0.14286                    289868.43
3920132.28        0.14107
         289918.43    3920132.28        0.13935                    289968.43
```

```
3920132.28        0.13767
         290018.43    3920132.28        0.13602                        290068.43
3920132.28        0.13440
         290118.43    3920132.28        0.13274                        290168.43
3920132.28        0.13110
         290218.43    3920132.28        0.12948                        290268.43
3920132.28        0.12791
         290318.43    3920132.28        0.12637                        290368.43
3920132.28        0.12484
         290418.43    3920132.28        0.12334                        290468.43
3920132.28        0.12189
         290518.43    3920132.28        0.12047                        290568.43
3920132.28        0.11908
         290618.43    3920132.28        0.11772                        289068.43
3920182.28        0.17757
         289118.43    3920182.28        0.17498                        289168.43
3920182.28        0.17245
         289218.43    3920182.28        0.16996                        289268.43
3920182.28        0.16751
         289318.43    3920182.28        0.16515                        289368.43
3920182.28        0.16280
         289418.43    3920182.28        0.16052                        289468.43
3920182.28        0.15830
         289518.43    3920182.28        0.15612                        289568.43
3920182.28        0.15400
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 289618.43 | 3920182.28 | 0.15192 | 289668.43 | 3920182.28 | 0.14986 |
| 289718.43 | 3920182.28 | 0.14786 | 289768.43 | 3920182.28 | 0.14588 |
| 289818.43 | 3920182.28 | 0.14394 | 289868.43 | 3920182.28 | 0.14205 |
| 289918.43 | 3920182.28 | 0.14022 | 289968.43 | 3920182.28 | 0.13850 |
| 290018.43 | 3920182.28 | 0.13679 | 290068.43 | 3920182.28 | 0.13510 |
| 290118.43 | 3920182.28 | 0.13342 | 290168.43 | 3920182.28 | 0.13179 |
| 290218.43 | 3920182.28 | 0.13015 | 290268.43 | 3920182.28 | 0.12855 |
| 290318.43 | 3920182.28 | 0.12698 | 290368.43 | 3920182.28 | 0.12544 |
| 290418.43 | 3920182.28 | 0.12393 | 290468.43 | 3920182.28 | 0.12247 |
| 290518.43 | 3920182.28 | 0.12101 | 290568.43 | 3920182.28 | 0.11962 |
| 290618.43 | 3920182.28 | 0.11823 | 289068.43 | 3920232.28 | 0.17963 |
| 289118.43 | 3920232.28 | 0.17695 | 289168.43 | 3920232.28 | 0.17432 |
| 289218.43 | 3920232.28 | 0.17173 | 289268.43 | 3920232.28 | 0.16922 |
| 289318.43 | 3920232.28 | 0.16676 | 289368.43 | 3920232.28 | 0.16435 |
| 289418.43 | 3920232.28 | 0.16200 | 289468.43 | 3920232.28 | 0.15971 |
| 289518.43 | 3920232.28 | 0.15747 | 289568.43 | 3920232.28 | 0.15527 |
| 289618.43 | 3920232.28 | 0.15313 | 289668.43 | 3920232.28 | 0.15101 |
| 289718.43 | 3920232.28 | 0.14893 | 289768.43 | 3920232.28 | 0.14689 |
| 289818.43 | 3920232.28 | 0.14491 | 289868.43 | 3920232.28 | 0.14298 |
| 289918.43 | 3920232.28 | 0.14110 | 289968.43 | 3920232.28 | 0.13931 |
| 290018.43 | 3920232.28 | 0.13757 | 290068.43 | 3920232.28 | 0.13584 |
| 290118.43 | 3920232.28 | 0.13414 | 290168.43 | 3920232.28 | 0.13246 |
| 290218.43 | 3920232.28 | 0.13079 | 290268.43 | | |

```
3920232.28        0.12919
         290318.43    3920232.28        0.12761                        290368.43
3920232.28        0.12605
         290418.43    3920232.28        0.12455                        290468.43
3920232.28        0.12311
         290518.43    3920232.28        0.12163                        290568.43
3920232.28        0.12018
         290618.43    3920232.28        0.11875                        289068.43
3920282.28        0.18170
         289118.43    3920282.28        0.17891                        289168.43
3920282.28        0.17619
         289218.43    3920282.28        0.17352                        289268.43
3920282.28        0.17092
         289318.43    3920282.28        0.16839                        289368.43
3920282.28        0.16590
         289418.43    3920282.28        0.16348                        289468.43
3920282.28        0.16112
         289518.43    3920282.28        0.15881                        289568.43
3920282.28        0.15653
         289618.43    3920282.28        0.15432                        289668.43
3920282.28        0.15214
         289718.43    3920282.28        0.15000                        289768.43
3920282.28        0.14792
         289818.43    3920282.28        0.14587                        289868.43
3920282.28        0.14387
         289918.43    3920282.28        0.14197                        289968.43
3920282.28        0.14011
         290018.43    3920282.28        0.13835                        290068.43
3920282.28        0.13660
         290118.43    3920282.28        0.13485                        290168.43
3920282.28        0.13314
         290218.43    3920282.28        0.13146                        290268.43
3920282.28        0.12980
         290318.43    3920282.28        0.12823                        290368.43
3920282.28        0.12667
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                 L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
```

```
                L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         290418.43    3920282.28        0.12516                       290468.43
3920282.28        0.12368
         290518.43    3920282.28        0.12217                       290568.43
3920282.28        0.12070
         290618.43    3920282.28        0.11926                       289068.43
3920332.28        0.18377
         289118.43    3920332.28        0.18089                       289168.43
3920332.28        0.17807
         289218.43    3920332.28        0.17532                       289268.43
3920332.28        0.17265
         289318.43    3920332.28        0.17002                       289368.43
3920332.28        0.16747
         289418.43    3920332.28        0.16498                       289468.43
3920332.28        0.16253
         289518.43    3920332.28        0.16015                       289568.43
3920332.28        0.15780
         289618.43    3920332.28        0.15550                       289668.43
3920332.28        0.15327
         289718.43    3920332.28        0.15109                       289768.43
3920332.28        0.14896
         289818.43    3920332.28        0.14686                       289868.43
3920332.28        0.14481
         289918.43    3920332.28        0.14282                       289968.43
3920332.28        0.14094
         290018.43    3920332.28        0.13912                       290068.43
3920332.28        0.13734
         290118.43    3920332.28        0.13556                       290168.43
3920332.28        0.13382
         290218.43    3920332.28        0.13211                       290268.43
3920332.28        0.13044
         290318.43    3920332.28        0.12885                       290368.43
3920332.28        0.12725
         290418.43    3920332.28        0.12570                       290468.43
3920332.28        0.12416
         290518.43    3920332.28        0.12266                       290568.43
```

```
3920332.28        0.12119
         290618.43    3920332.28        0.11973                    289068.43
3920382.28        0.18586
         289118.43    3920382.28        0.18287                    289168.43
3920382.28        0.17995
         289218.43    3920382.28        0.17713                    289268.43
3920382.28        0.17436
         289318.43    3920382.28        0.17165                    289368.43
3920382.28        0.16902
         289418.43    3920382.28        0.16645                    289468.43
3920382.28        0.16393
         289518.43    3920382.28        0.16147                    289568.43
3920382.28        0.15906
         289618.43    3920382.28        0.15669                    289668.43
3920382.28        0.15440
         289718.43    3920382.28        0.15217                    289768.43
3920382.28        0.15000
         289818.43    3920382.28        0.14785                    289868.43
3920382.28        0.14576
         289918.43    3920382.28        0.14373                    289968.43
3920382.28        0.14179
         290018.43    3920382.28        0.13990                    290068.43
3920382.28        0.13806
         290118.43    3920382.28        0.13627                    290168.43
3920382.28        0.13448
         290218.43    3920382.28        0.13275                    290268.43
3920382.28        0.13106
         290318.43    3920382.28        0.12943                    290368.43
3920382.28        0.12781
         290418.43    3920382.28        0.12622                    290468.43
3920382.28        0.12467
         290518.43    3920382.28        0.12319                    290568.43
3920382.28        0.12168
         290618.43    3920382.28        0.12019                    289068.43
3920432.28        0.18795
         289118.43    3920432.28        0.18486                    289168.43
3920432.28        0.18186
         289218.43    3920432.28        0.17893                    289268.43
3920432.28        0.17607
         289318.43    3920432.28        0.17329                    289368.43
3920432.28        0.17058
         289418.43    3920432.28        0.16791                    289468.43
3920432.28        0.16532
         289518.43    3920432.28        0.16278                    289568.43
3920432.28        0.16029
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                 ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***       14:33:56
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0172211 , L0172212 , L0172213 , L0172214 , L0172215 , L0172216 , L0172217 , L0172218 , L0172219 , L0172220 , L0172221 , L0172222 , L0172223 , L0172224 , L0172225 , L0172226 , L0172227 , L0172228 , L0172229 , L0172230 , L0172231 , L0172232 , L0172233 , L0172234 , L0172235 , L0172236 , L0172237 , L0172238 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 289618.43 | 3920432.28 | 0.15786 | 289668.43 | 3920432.28 | 0.15552 |
| 289718.43 | 3920432.28 | 0.15322 | 289768.43 | 3920432.28 | 0.15099 |
| 289818.43 | 3920432.28 | 0.14882 | 289868.43 | 3920432.28 | 0.14671 |
| 289918.43 | 3920432.28 | 0.14463 | 289968.43 | 3920432.28 | 0.14261 |
| 290018.43 | 3920432.28 | 0.14069 | 290068.43 | 3920432.28 | 0.13879 |
| 290118.43 | 3920432.28 | 0.13696 | 290168.43 | 3920432.28 | 0.13514 |
| 290218.43 | 3920432.28 | 0.13338 | 290268.43 | 3920432.28 | 0.13165 |
| 290318.43 | 3920432.28 | 0.12999 | 290368.43 | 3920432.28 | 0.12834 |
| 290418.43 | 3920432.28 | 0.12672 | 290468.43 | 3920432.28 | 0.12515 |
| 290518.43 | 3920432.28 | 0.12362 | 290568.43 | 3920432.28 | 0.12211 |
| 290618.43 | 3920432.28 | 0.12061 | 289068.43 | 3920482.28 | 0.19003 |
| 289118.43 | 3920482.28 | 0.18685 | 289168.43 | 3920482.28 | 0.18375 |
| 289218.43 | 3920482.28 | 0.18071 | 289268.43 | | |

3920482.28 0.17777
289318.43 3920482.28 0.17491 289368.43
3920482.28 0.17209
289418.43 3920482.28 0.16936 289468.43
3920482.28 0.16667
289518.43 3920482.28 0.16406 289568.43
3920482.28 0.16150
289618.43 3920482.28 0.15904 289668.43
3920482.28 0.15661
289718.43 3920482.28 0.15424 289768.43
3920482.28 0.15193
289818.43 3920482.28 0.14969 289868.43
3920482.28 0.14754
289918.43 3920482.28 0.14545 289968.43
3920482.28 0.14341
290018.43 3920482.28 0.14145 290068.43
3920482.28 0.13952
290118.43 3920482.28 0.13763 290168.43
3920482.28 0.13579
290218.43 3920482.28 0.13399 290268.43
3920482.28 0.13223
290318.43 3920482.28 0.13050 290368.43
3920482.28 0.12885
290418.43 3920482.28 0.12720 290468.43
3920482.28 0.12561
290518.43 3920482.28 0.12404 290568.43
3920482.28 0.12254
290618.43 3920482.28 0.12105 289068.43
3920532.28 0.19211
289118.43 3920532.28 0.18883 289168.43
3920532.28 0.18561
289218.43 3920532.28 0.18250 289268.43
3920532.28 0.17946
289318.43 3920532.28 0.17650 289368.43
3920532.28 0.17360
289418.43 3920532.28 0.17077 289468.43
3920532.28 0.16800
289518.43 3920532.28 0.16531 289568.43
3920532.28 0.16270
289618.43 3920532.28 0.16015 289668.43
3920532.28 0.15768
289718.43 3920532.28 0.15525 289768.43
3920532.28 0.15287
289818.43 3920532.28 0.15056 289868.43
3920532.28 0.14836
289918.43 3920532.28 0.14625 289968.43
3920532.28 0.14417
290018.43 3920532.28 0.14218 290068.43
3920532.28 0.14022
290118.43 3920532.28 0.13829 290168.43

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         290418.43    3920532.28        0.12768                      290468.43
3920532.28        0.12604
         290518.43    3920532.28        0.12447                      290568.43
3920532.28        0.12293
         290618.43    3920532.28        0.12142                      289068.43
3920582.28        0.19420
         289118.43    3920582.28        0.19079                      289168.43
3920582.28        0.18748
         289218.43    3920582.28        0.18426                      289268.43
3920582.28        0.18113
         289318.43    3920582.28        0.17806                      289368.43
3920582.28        0.17507
         289418.43    3920582.28        0.17216                      289468.43
3920582.28        0.16933
         289518.43    3920582.28        0.16655                      289568.43

```
3920582.28        0.16385
         289618.43    3920582.28        0.16123                    289668.43
3920582.28        0.15869
         289718.43    3920582.28        0.15622                    289768.43
3920582.28        0.15383
         289818.43    3920582.28        0.15147                    289868.43
3920582.28        0.14921
         289918.43    3920582.28        0.14703                    289968.43
3920582.28        0.14497
         290018.43    3920582.28        0.14289                    290068.43
3920582.28        0.14091
         290118.43    3920582.28        0.13895                    290168.43
3920582.28        0.13705
         290218.43    3920582.28        0.13518                    290268.43
3920582.28        0.13335
         290318.43    3920582.28        0.13159                    290368.43
3920582.28        0.12985
         290418.43    3920582.28        0.12814                    290468.43
3920582.28        0.12648
         290518.43    3920582.28        0.12487                    290568.43
3920582.28        0.12328
         290618.43    3920582.28        0.12175                    289068.43
3920632.28        0.19629
         289118.43    3920632.28        0.19276                    289168.43
3920632.28        0.18935
         289218.43    3920632.28        0.18602                    289268.43
3920632.28        0.18277
         289318.43    3920632.28        0.17961                    289368.43
3920632.28        0.17655
         289418.43    3920632.28        0.17354                    289468.43
3920632.28        0.17062
         289518.43    3920632.28        0.16777                    289568.43
3920632.28        0.16500
         289618.43    3920632.28        0.16231                    289668.43
3920632.28        0.15968
         289718.43    3920632.28        0.15716                    289768.43
3920632.28        0.15477
         289818.43    3920632.28        0.15237                    289868.43
3920632.28        0.15006
         289918.43    3920632.28        0.14783                    289968.43
3920632.28        0.14571
         290018.43    3920632.28        0.14363                    290068.43
3920632.28        0.14158
         290118.43    3920632.28        0.13960                    290168.43
3920632.28        0.13766
         290218.43    3920632.28        0.13576                    290268.43
3920632.28        0.13393
         290318.43    3920632.28        0.13211                    290368.43
3920632.28        0.13033
         290418.43    3920632.28        0.12859                    290468.43
```

3920632.28        0.12689
         290518.43    3920632.28        0.12525                      290568.43
3920632.28        0.12364
         290618.43    3920632.28        0.12208                      289068.43
3920682.28        0.19837
         289118.43    3920682.28        0.19473                      289168.43
3920682.28        0.19120
         289218.43    3920682.28        0.18776                      289268.43
3920682.28        0.18440
         289318.43    3920682.28        0.18117                      289368.43
3920682.28        0.17801
         289418.43    3920682.28        0.17491                      289468.43
3920682.28        0.17189
         289518.43    3920682.28        0.16897                      289568.43
3920682.28        0.16616
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - --- - - -

3920682.28 0.15090
289918.43 3920682.28 0.14866 289968.43
3920682.28 0.14647
290018.43 3920682.28 0.14433 290068.43
3920682.28 0.14224
290118.43 3920682.28 0.14023 290168.43
3920682.28 0.13825
290218.43 3920682.28 0.13636 290268.43
3920682.28 0.13447
290318.43 3920682.28 0.13260 290368.43
3920682.28 0.13079
290418.43 3920682.28 0.12902 290468.43
3920682.28 0.12729
290518.43 3920682.28 0.12562 290568.43
3920682.28 0.12399
290618.43 3920682.28 0.12240 289068.43
3920732.28 0.20048
289118.43 3920732.28 0.19673 289168.43
3920732.28 0.19308
289218.43 3920732.28 0.18953 289268.43
3920732.28 0.18608
289318.43 3920732.28 0.18271 289368.43
3920732.28 0.17943
289418.43 3920732.28 0.17625 289468.43
3920732.28 0.17319
289518.43 3920732.28 0.17022 289568.43
3920732.28 0.16732
289618.43 3920732.28 0.16450 289668.43
3920732.28 0.16177
289718.43 3920732.28 0.15913 289768.43
3920732.28 0.15660
289818.43 3920732.28 0.15413 289868.43
3920732.28 0.15176
289918.43 3920732.28 0.14943 289968.43
3920732.28 0.14720
290018.43 3920732.28 0.14501 290068.43
3920732.28 0.14289
290118.43 3920732.28 0.14083 290168.43
3920732.28 0.13885
290218.43 3920732.28 0.13689 290268.43
3920732.28 0.13497
290318.43 3920732.28 0.13308 290368.43
3920732.28 0.13123
290418.43 3920732.28 0.12941 290468.43
3920732.28 0.12766
290518.43 3920732.28 0.12596 290568.43
3920732.28 0.12434
290618.43 3920732.28 0.12271 289068.43
3920782.28 0.20264
289118.43 3920782.28 0.19874 289168.43

```
3920782.28        0.19496
         289218.43    3920782.28        0.19131                        289268.43
3920782.28        0.18774
         289318.43    3920782.28        0.18425                        289368.43
3920782.28        0.18086
         289418.43    3920782.28        0.17757                        289468.43
3920782.28        0.17443
         289518.43    3920782.28        0.17141                        289568.43
3920782.28        0.16845
         289618.43    3920782.28        0.16556                        289668.43
3920782.28        0.16277
         289718.43    3920782.28        0.16010                        289768.43
3920782.28        0.15754
         289818.43    3920782.28        0.15501                        289868.43
3920782.28        0.15257
         289918.43    3920782.28        0.15020                        289968.43
3920782.28        0.14790
         290018.43    3920782.28        0.14567                        290068.43
3920782.28        0.14349
         290118.43    3920782.28        0.14139                        290168.43
3920782.28        0.13938
         290218.43    3920782.28        0.13738                        290268.43
3920782.28        0.13544
         290318.43    3920782.28        0.13352                        290368.43
3920782.28        0.13165
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 290418.43 | 3920782.28 | 0.12981 | 290468.43 | 3920782.28 | 0.12802 |
| 290518.43 | 3920782.28 | 0.12627 | 290568.43 | 3920782.28 | 0.12460 |
| 290618.43 | 3920782.28 | 0.12294 | 289068.43 | 3920832.28 | 0.20480 |
| 289118.43 | 3920832.28 | 0.20077 | 289168.43 | 3920832.28 | 0.19683 |
| 289218.43 | 3920832.28 | 0.19305 | 289268.43 | 3920832.28 | 0.18936 |
| 289318.43 | 3920832.28 | 0.18578 | 289368.43 | 3920832.28 | 0.18231 |
| 289418.43 | 3920832.28 | 0.17893 | 289468.43 | 3920832.28 | 0.17569 |
| 289518.43 | 3920832.28 | 0.17257 | 289568.43 | 3920832.28 | 0.16954 |
| 289618.43 | 3920832.28 | 0.16662 | 289668.43 | 3920832.28 | 0.16380 |
| 289718.43 | 3920832.28 | 0.16107 | 289768.43 | 3920832.28 | 0.15840 |
| 289818.43 | 3920832.28 | 0.15584 | 289868.43 | 3920832.28 | 0.15334 |
| 289918.43 | 3920832.28 | 0.15091 | 289968.43 | 3920832.28 | 0.14855 |
| 290018.43 | 3920832.28 | 0.14627 | 290068.43 | 3920832.28 | 0.14405 |
| 290118.43 | 3920832.28 | 0.14192 | 290168.43 | 3920832.28 | 0.13984 |
| 290218.43 | 3920832.28 | 0.13782 | 290268.43 | 3920832.28 | 0.13586 |
| 290318.43 | 3920832.28 | 0.13392 | 290368.43 | 3920832.28 | 0.13201 |
| 290418.43 | 3920832.28 | 0.13015 | 290468.43 | 3920832.28 | 0.12833 |
| 290518.43 | 3920832.28 | 0.12656 | 290568.43 | 3920832.28 | 0.12485 |
| 290618.43 | 3920832.28 | 0.12319 | 289068.43 | 3920882.28 | 0.20697 |
| 289118.43 | 3920882.28 | 0.20276 | 289168.43 | 3920882.28 | 0.19867 |
| 289218.43 | 3920882.28 | 0.19475 | 289268.43 | 3920882.28 | 0.19094 |
| 289318.43 | 3920882.28 | 0.18724 | 289368.43 | 3920882.28 | 0.18367 |
| 289418.43 | 3920882.28 | 0.18019 | 289468.43 | | |

```
3920882.28        0.17687
         289518.43    3920882.28        0.17369                        289568.43
3920882.28        0.17060
         289618.43    3920882.28        0.16765                        289668.43
3920882.28        0.16475
         289718.43    3920882.28        0.16196                        289768.43
3920882.28        0.15924
         289818.43    3920882.28        0.15660                        289868.43
3920882.28        0.15404
         289918.43    3920882.28        0.15155                        289968.43
3920882.28        0.14915
         290018.43    3920882.28        0.14681                        290068.43
3920882.28        0.14454
         290118.43    3920882.28        0.14237                        290168.43
3920882.28        0.14023
         290218.43    3920882.28        0.13816                        290268.43
3920882.28        0.13618
         290318.43    3920882.28        0.13422                        290368.43
3920882.28        0.13229
         290418.43    3920882.28        0.13040                        290468.43
3920882.28        0.12856
         290518.43    3920882.28        0.12678                        290568.43
3920882.28        0.12507
         290618.43    3920882.28        0.12346                        289068.43
3920932.28        0.20908
         289118.43    3920932.28        0.20470                        289168.43
3920932.28        0.20045
         289218.43    3920932.28        0.19639                        289268.43
3920932.28        0.19245
         289318.43    3920932.28        0.18867                        289368.43
3920932.28        0.18497
         289418.43    3920932.28        0.18140                        289468.43
3920932.28        0.17799
         289518.43    3920932.28        0.17473                        289568.43
3920932.28        0.17157
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                 L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
```

```
                 L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                 L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         289618.43    3920932.28        0.16856                       289668.43
3920932.28        0.16563
         289718.43    3920932.28        0.16277                       289768.43
3920932.28        0.15999
         289818.43    3920932.28        0.15728                       289868.43
3920932.28        0.15466
         289918.43    3920932.28        0.15213                       289968.43
3920932.28        0.14966
         290018.43    3920932.28        0.14728                       290068.43
3920932.28        0.14499
         290118.43    3920932.28        0.14275                       290168.43
3920932.28        0.14058
         290218.43    3920932.28        0.13846                       290268.43
3920932.28        0.13642
         290318.43    3920932.28        0.13444                       290368.43
3920932.28        0.13250
         290418.43    3920932.28        0.13060                       290468.43
3920932.28        0.12875
         290518.43    3920932.28        0.12695                       290568.43
3920932.28        0.12522
         290618.43    3920932.28        0.12363                       289068.43
3920982.28        0.21113
         289118.43    3920982.28        0.20655                       289168.43
3920982.28        0.20216
         289218.43    3920982.28        0.19793                       289268.43
3920982.28        0.19387
         289318.43    3920982.28        0.18993                       289368.43
3920982.28        0.18617
         289418.43    3920982.28        0.18252                       289468.43
3920982.28        0.17905
         289518.43    3920982.28        0.17568                       289568.43
3920982.28        0.17246
         289618.43    3920982.28        0.16939                       289668.43
3920982.28        0.16642
         289718.43    3920982.28        0.16352                       289768.43
```

```
3920982.28        0.16067
         289818.43    3920982.28        0.15789                       289868.43
3920982.28        0.15521
         289918.43    3920982.28        0.15262                       289968.43
3920982.28        0.15011
         290018.43    3920982.28        0.14767                       290068.43
3920982.28        0.14536
         290118.43    3920982.28        0.14309                       290168.43
3920982.28        0.14089
         290218.43    3920982.28        0.13875                       290268.43
3920982.28        0.13667
         290318.43    3920982.28        0.13464                       290368.43
3920982.28        0.13270
         290418.43    3920982.28        0.13078                       290468.43
3920982.28        0.12895
         290518.43    3920982.28        0.12715                       290568.43
3920982.28        0.12546
         290618.43    3920982.28        0.12381                       290668.43
3920982.28        0.12219
         289068.43    3921032.28        0.21306                       289118.43
3921032.28        0.20830
         289168.43    3921032.28        0.20374                       289218.43
3921032.28        0.19937
         289268.43    3921032.28        0.19515                       289318.43
3921032.28        0.19112
         289368.43    3921032.28        0.18724                       289418.43
3921032.28        0.18354
         289468.43    3921032.28        0.17997                       289518.43
3921032.28        0.17653
         289568.43    3921032.28        0.17323                       289618.43
3921032.28        0.17014
         289668.43    3921032.28        0.16713                       289718.43
3921032.28        0.16419
         289768.43    3921032.28        0.16131                       289818.43
3921032.28        0.15843
         289868.43    3921032.28        0.15569                       289918.43
3921032.28        0.15308
         289968.43    3921032.28        0.15053                       290018.43
3921032.28        0.14806
         290068.43    3921032.28        0.14568                       290118.43
3921032.28        0.14338
         290168.43    3921032.28        0.14118                       290218.43
3921032.28        0.13905
         290268.43    3921032.28        0.13697                       290318.43
3921032.28        0.13492
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                  ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***       14:33:56
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0172211 , L0172212 , L0172213 , L0172214 , L0172215 , L0172216 , L0172217 , L0172218 , L0172219 , L0172220 , L0172221 , L0172222 , L0172223 , L0172224 , L0172225 , L0172226 , L0172227 , L0172228 , L0172229 , L0172230 , L0172231 , L0172232 , L0172233 , L0172234 , L0172235 , L0172236 , L0172237 , L0172238 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 290368.43 | 3921032.28 | 0.13294 | 290418.43 | 3921032.28 | 0.13101 |
| 290468.43 | 3921032.28 | 0.12915 | 290518.43 | 3921032.28 | 0.12741 |
| 290568.43 | 3921032.28 | 0.12570 | 290618.43 | 3921032.28 | 0.12401 |
| 290668.43 | 3921032.28 | 0.12237 | 289068.43 | 3921082.28 | 0.21492 |
| 289118.43 | 3921082.28 | 0.20998 | 289168.43 | 3921082.28 | 0.20525 |
| 289218.43 | 3921082.28 | 0.20071 | 289268.43 | 3921082.28 | 0.19637 |
| 289318.43 | 3921082.28 | 0.19223 | 289368.43 | 3921082.28 | 0.18825 |
| 289418.43 | 3921082.28 | 0.18441 | 289468.43 | 3921082.28 | 0.18077 |
| 289518.43 | 3921082.28 | 0.17725 | 289568.43 | 3921082.28 | 0.17388 |
| 289618.43 | 3921082.28 | 0.17076 | 289668.43 | 3921082.28 | 0.16777 |
| 289718.43 | 3921082.28 | 0.16486 | 289768.43 | 3921082.28 | 0.16187 |
| 289818.43 | 3921082.28 | 0.15895 | 289868.43 | 3921082.28 | 0.15615 |
| 289918.43 | 3921082.28 | 0.15348 | 289968.43 | | |

```
3921082.28        0.15088
         290018.43    3921082.28        0.14838                    290068.43
3921082.28        0.14597
         290118.43    3921082.28        0.14366                    290168.43
3921082.28        0.14144
         290218.43    3921082.28        0.13930                    290268.43
3921082.28        0.13720
         290318.43    3921082.28        0.13516                    290368.43
3921082.28        0.13318
         290418.43    3921082.28        0.13127                    290468.43
3921082.28        0.12944
         290518.43    3921082.28        0.12763                    290568.43
3921082.28        0.12586
         290618.43    3921082.28        0.12415                    290668.43
3921082.28        0.12248
         289068.43    3921132.28        0.21666                    289118.43
3921132.28        0.21155
         289168.43    3921132.28        0.20665                    289218.43
3921132.28        0.20197
         289268.43    3921132.28        0.19750                    289318.43
3921132.28        0.19323
         289368.43    3921132.28        0.18917                    289418.43
3921132.28        0.18525
         289468.43    3921132.28        0.18148                    289518.43
3921132.28        0.17793
         289568.43    3921132.28        0.17449                    289618.43
3921132.28        0.17130
         289668.43    3921132.28        0.16832                    289718.43
3921132.28        0.16540
         289768.43    3921132.28        0.16239                    289818.43
3921132.28        0.15941
         289868.43    3921132.28        0.15656                    289918.43
3921132.28        0.15385
         289968.43    3921132.28        0.15122                    290018.43
3921132.28        0.14869
         290068.43    3921132.28        0.14625                    290118.43
3921132.28        0.14392
         290168.43    3921132.28        0.14168                    290218.43
3921132.28        0.13953
         290268.43    3921132.28        0.13742                    290318.43
3921132.28        0.13538
         290368.43    3921132.28        0.13342                    290418.43
3921132.28        0.13150
         290468.43    3921132.28        0.12961                    290518.43
3921132.28        0.12778
         290568.43    3921132.28        0.12599                    290618.43
3921132.28        0.12424
         290668.43    3921132.28        0.12255                    289068.43
3921182.28        0.21832
         289118.43    3921182.28        0.21304                    289168.43
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         289418.43    3921182.28        0.18605                       289468.43
3921182.28        0.18219
         289518.43    3921182.28        0.17851                       289568.43
3921182.28        0.17505
         289618.43    3921182.28        0.17178                       289668.43
3921182.28        0.16869
         289718.43    3921182.28        0.16570                       289768.43
3921182.28        0.16271
         289818.43    3921182.28        0.15982                       289868.43
3921182.28        0.15697
         289918.43    3921182.28        0.15423                       289968.43
3921182.28        0.15156
         290018.43    3921182.28        0.14901                       290068.43
3921182.28        0.14653
         290118.43    3921182.28        0.14417                       290168.43

```
3921182.28        0.14195
         290218.43    3921182.28        0.13975                    290268.43
3921182.28        0.13761
         290318.43    3921182.28        0.13559                    290368.43
3921182.28        0.13359
         290418.43    3921182.28        0.13165                    290468.43
3921182.28        0.12972
         290518.43    3921182.28        0.12781                    290568.43
3921182.28        0.12598
         290618.43    3921182.28        0.12422                    290668.43
3921182.28        0.12251
         289068.43    3921232.28        0.21989                    289118.43
3921232.28        0.21448
         289168.43    3921232.28        0.20934                    289218.43
3921232.28        0.20443
         289268.43    3921232.28        0.19969                    289318.43
3921232.28        0.19521
         289368.43    3921232.28        0.19093                    289418.43
3921232.28        0.18687
         289468.43    3921232.28        0.18289                    289518.43
3921232.28        0.17912
         289568.43    3921232.28        0.17561                    289618.43
3921232.28        0.17227
         289668.43    3921232.28        0.16908                    289718.43
3921232.28        0.16599
         289768.43    3921232.28        0.16300                    289818.43
3921232.28        0.16011
         289868.43    3921232.28        0.15732                    289918.43
3921232.28        0.15457
         289968.43    3921232.28        0.15191                    290018.43
3921232.28        0.14928
         290068.43    3921232.28        0.14680                    290118.43
3921232.28        0.14441
         290168.43    3921232.28        0.14215                    290218.43
3921232.28        0.13993
         290268.43    3921232.28        0.13777                    290318.43
3921232.28        0.13570
         290368.43    3921232.28        0.13369                    290418.43
3921232.28        0.13172
         290468.43    3921232.28        0.12976                    290518.43
3921232.28        0.12786
         290568.43    3921232.28        0.12604                    290618.43
3921232.28        0.12429
         290668.43    3921232.28        0.12262                    289068.43
3921282.28        0.22141
         289118.43    3921282.28        0.21584                    289168.43
3921282.28        0.21056
         289218.43    3921282.28        0.20557                    289268.43
3921282.28        0.20080
         289318.43    3921282.28        0.19622                    289368.43
```

3921282.28        0.19182
         289418.43    3921282.28        0.18766                      289468.43
3921282.28        0.18361
         289518.43    3921282.28        0.17973                      289568.43
3921282.28        0.17611
         289618.43    3921282.28        0.17267                      289668.43
3921282.28        0.16948
         289718.43    3921282.28        0.16634                      289768.43
3921282.28        0.16334
         289818.43    3921282.28        0.16040                      289868.43
3921282.28        0.15754
         289918.43    3921282.28        0.15481                      289968.43
3921282.28        0.15182
         290018.43    3921282.28        0.14937                      290068.43
3921282.28        0.14706
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - --- - - -

3937706.78 0.06068
274892.85 3937698.32 0.05498 276491.79
3934413.86 0.16375
276608.17 3934391.37 0.16276 277368.49
3932692.41 0.22941
277334.35 3932295.82 0.27678 278631.60
3931856.50 0.16438
277069.18 3930942.90 0.23961 277106.00
3930948.16 0.24029
277197.07 3934369.75 0.21627 278211.19
3934459.88 0.22750
278462.55 3934455.53 0.20322 279439.59
3934432.79 0.09241
279499.10 3934425.47 0.09064 279717.00
3934532.58 0.08144
279787.50 3934452.93 0.08191 279767.35
3934438.28 0.08275
279803.98 3934534.42 0.07953 279703.27
3934467.58 0.08353
279959.62 3934349.48 0.08048 279070.30
3929610.02 0.11819
281930.76 3929546.70 0.10347 278554.75
3927380.33 0.12043
279013.65 3927234.65 0.11769 278705.29
3927244.36 0.12005
278562.03 3926445.55 0.12881 278712.98
3925869.67 0.13578
278400.64 3925608.72 0.14587 271067.80
3926037.20 0.12238
271395.65 3924492.11 0.10678 274067.62
3923356.92 0.18648
274170.39 3923360.81 0.19737 275491.34
3924124.70 0.24201
275777.37 3924326.49 0.24251 274592.71
3925325.13 0.28672
276220.64 3928163.54 0.15246 275219.94
3922052.28 0.22504
275270.32 3921833.33 0.21985 277670.57
3919962.13 0.31133
277749.03 3919860.95 0.29842 277676.77
3919255.97 0.18551
277668.51 3919214.67 0.18037 277674.70
3919183.70 0.17732
277672.64 3919163.05 0.17509 277666.44
3919134.15 0.17195
279687.88 3919922.90 0.27268 280183.43
3920697.19 0.33438
280769.25 3923564.93 0.16493 281572.49
3923239.09 0.15716
281822.55 3923557.35 0.15384 285142.52

```
3930154.18        0.10164
         285957.08    3930237.07        0.08984                       285974.23
3928742.27        0.35587
         288363.62    3928593.65        0.09987                       289352.53
3926975.95        0.12263
         288289.31    3926561.53        0.20886                       288275.02
3925392.55        0.18281
         287017.44    3924475.10        0.26281                       286251.47
3923926.34        0.37305
         284335.05    3919954.96        0.19028                       284280.30
3922298.47        0.29844
         284336.45    3923354.77        0.29555                       285482.62
3927687.92        0.36963
         285071.03    3927902.29        0.25032                       275130.87
3920422.58        0.12529
         275126.74    3920327.60        0.12216                       275310.51
3920329.66        0.12959
         275318.77    3920226.42        0.12634                       276099.26
3920203.71        0.16692
         276497.77    3920226.42        0.20956                       276516.35
3920602.21        0.29069
         276144.69    3920612.54        0.20640                       276144.69
3920265.65        0.17495
         276082.74    3920249.13        0.16872                       276008.41
3920383.35        0.17201
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

```
       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         275880.39    3920356.50        0.16056                         275756.51
3920434.97        0.15666
         275547.96    3920507.23        0.14801                         275287.80
3920600.15        0.13884
         275217.60    3920583.63        0.13473                         275180.43
3920482.46        0.12939
         275155.65    3920434.97        0.12672                         289065.87
3921312.88        0.22264
         290675.66    3921269.08        0.12247                         290637.33
3919697.61        0.11239
         289016.59    3919735.94        0.16165

  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                 L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                 L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                 L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC      (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        275884.34   3920210.53        5.08951  (08022608)               275904.34
3920210.53        5.15781  (08022608)
        275924.34   3920210.53        5.22395  (08022608)               275944.34
```

```
3920210.53        5.28739  (08022608)
        275964.34   3920210.53        5.34800  (08022608)                275984.34
3920210.53        5.40518  (08022608)
        276004.34   3920210.53        5.45925  (08022608)                276024.34
3920210.53        5.50960  (08022608)
        276044.34   3920210.53        5.55610  (08022608)                276064.34
3920210.53        5.59911  (08022608)
        276084.34   3920210.53        5.63800  (08022608)                276104.34
3920210.53        5.67267  (08022608)
        276124.34   3920210.53        5.70537  (08022608)                276144.34
3920210.53        5.73624  (08022608)
        276164.34   3920210.53        5.76823  (08022608)                276184.34
3920210.53        5.80498  (08022608)
        276204.34   3920210.53        5.85050  (08022608)                275324.34
3920230.53        3.17935  (09091807)
        275344.34   3920230.53        3.17695  (09091807)                275364.34
3920230.53        3.17476  (09091807)
        275384.34   3920230.53        3.17225  (09091807)                275404.34
3920230.53        3.16958  (09091807)
        275424.34   3920230.53        3.18222  (10091307)                275444.34
3920230.53        3.22384  (10091307)
        275464.34   3920230.53        3.31361  (08022608)                275484.34
3920230.53        3.40938  (08022608)
        275504.34   3920230.53        3.50518  (08022608)                275524.34
3920230.53        3.60068  (08022608)
        275544.34   3920230.53        3.69604  (08022608)                275564.34
3920230.53        3.79072  (08022608)
        275584.34   3920230.53        3.88498  (08022608)                275604.34
3920230.53        3.97822  (08022608)
        275624.34   3920230.53        4.07053  (08022608)                275644.34
3920230.53        4.16177  (08022608)
        275664.34   3920230.53        4.25154  (08022608)                275684.34
3920230.53        4.34025  (08022608)
        275704.34   3920230.53        4.42752  (08022608)                275724.34
3920230.53        4.51326  (08022608)
        275744.34   3920230.53        4.59703  (08022608)                275764.34
3920230.53        4.67936  (08022608)
        275784.34   3920230.53        4.75983  (08022608)                275804.34
3920230.53        4.83836  (08022608)
        275824.34   3920230.53        4.91482  (08022608)                275844.34
3920230.53        4.98910  (08022608)
        275864.34   3920230.53        5.06151  (08022608)                275884.34
3920230.53        5.13153  (08022608)
        275904.34   3920230.53        5.19862  (08022608)                275924.34
3920230.53        5.26349  (08022608)
        275944.34   3920230.53        5.32558  (08022608)                275964.34
3920230.53        5.38478  (08022608)
        275984.34   3920230.53        5.44094  (08022608)                276004.34
3920230.53        5.49298  (08022608)
        276024.34   3920230.53        5.54171  (08022608)                276044.34
```

```
3920230.53        5.58650  (08022608)
        276064.34   3920230.53        5.62774  (08022608)                276084.34
3920230.53        5.66479  (08022608)
        276104.34   3920230.53        5.69817  (08022608)                276124.34
3920230.53        5.72963  (08022608)
        276144.34   3920230.53        5.76103  (08022608)                276164.34
3920230.53        5.79229  (08022608)
        276184.34   3920230.53        5.82406  (08022608)                276204.34
3920230.53        5.85915  (08022608)
        276224.34   3920230.53        5.88996  (08022608)                276244.34
3920230.53        5.91218  (08022608)
        276264.34   3920230.53        5.92752  (08022608)                276284.34
3920230.53        5.93671  (08022608)
        276304.34   3920230.53        5.94060  (08022608)                276324.34
3920230.53        5.94151  (08022608)
        276344.34   3920230.53        5.93898  (08022608)                276364.34
3920230.53        5.93343  (08022608)
        276384.34   3920230.53        5.92577  (08022608)                276404.34
3920230.53        5.91588  (08022608)
        276424.34   3920230.53        5.90324  (08022608)                276444.34
3920230.53        5.88624  (08022608)
        276464.34   3920230.53        5.86578  (08022608)                276484.34
3920230.53        5.84138  (08022608)
        275324.34   3920250.53        3.18832  (09091807)                275344.34
3920250.53        3.18599  (09091807)
        275364.34   3920250.53        3.18371  (09091807)                275384.34
3920250.53        3.18140  (09091807)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                 L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                 L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                 L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***
```

**   CONC OF PM_10    IN MICROGRAMS/M**3

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 275404.34 | 3920250.53 | 3.17902 | (09091807) | 275424.34 | 3920250.53 | 3.20527 | (10091307) |
| 275444.34 | 3920250.53 | 3.27083 | (08022608) | 275464.34 | 3920250.53 | 3.36673 | (08022608) |
| 275484.34 | 3920250.53 | 3.46275 | (08022608) | 275504.34 | 3920250.53 | 3.55871 | (08022608) |
| 275524.34 | 3920250.53 | 3.65426 | (08022608) | 275544.34 | 3920250.53 | 3.74958 | (08022608) |
| 275564.34 | 3920250.53 | 3.84435 | (08022608) | 275584.34 | 3920250.53 | 3.93818 | (08022608) |
| 275604.34 | 3920250.53 | 4.03114 | (08022608) | 275624.34 | 3920250.53 | 4.12307 | (08022608) |
| 275644.34 | 3920250.53 | 4.21386 | (08022608) | 275664.34 | 3920250.53 | 4.30337 | (08022608) |
| 275684.34 | 3920250.53 | 4.39121 | (08022608) | 275704.34 | 3920250.53 | 4.47815 | (08022608) |
| 275724.34 | 3920250.53 | 4.56287 | (08022608) | 275744.34 | 3920250.53 | 4.64585 | (08022608) |
| 275764.34 | 3920250.53 | 4.72736 | (08022608) | 275784.34 | 3920250.53 | 4.80695 | (08022608) |
| 275804.34 | 3920250.53 | 4.88416 | (08022608) | 275824.34 | 3920250.53 | 4.95962 | (08022608) |
| 275844.34 | 3920250.53 | 5.03284 | (08022608) | 275864.34 | 3920250.53 | 5.10413 | (08022608) |
| 275884.34 | 3920250.53 | 5.17298 | (08022608) | 275904.34 | 3920250.53 | 5.23882 | (08022608) |
| 275924.34 | 3920250.53 | 5.30237 | (08022608) | 275944.34 | 3920250.53 | 5.36309 | (08022608) |
| 275964.34 | 3920250.53 | 5.42084 | (08022608) | 275984.34 | 3920250.53 | 5.47549 | (08022608) |
| 276004.34 | 3920250.53 | 5.52642 | (08022608) | 276024.34 | 3920250.53 | 5.57348 | (08022608) |
| 276044.34 | 3920250.53 | 5.61656 | (08022608) | 276064.34 | 3920250.53 | 5.65544 | (08022608) |
| 276104.34 | 3920250.53 | 5.72274 | (08022608) | 276124.34 | 3920250.53 | 5.75415 | (08022608) |
| 276144.34 | 3920250.53 | 5.78493 | (08022608) | 276164.34 | 3920250.53 | 5.81433 | (08022608) |
| 276184.34 | 3920250.53 | 5.84324 | (08022608) | 276204.34 | 3920250.53 | 5.87070 | (08022608) |
| 276224.34 | 3920250.53 | 5.89783 | (08022608) | 276244.34 | 3920250.53 | 5.91898 | (08022608) |
| 276264.34 | 3920250.53 | 5.93422 | (08022608) | 276284.34 | | | |

```
3920250.53        5.94314  (08022608)
        276304.34   3920250.53        5.94687  (08022608)                276324.34
3920250.53        5.94670  (08022608)
        276344.34   3920250.53        5.94307  (08022608)                276364.34
3920250.53        5.93642  (08022608)
        276384.34   3920250.53        5.92762  (08022608)                276404.34
3920250.53        5.91654  (08022608)
        276424.34   3920250.53        5.90169  (08022608)                276444.34
3920250.53        5.88338  (08022608)
        276464.34   3920250.53        5.86112  (08022608)                276484.34
3920250.53        5.83489  (08022608)
        275324.34   3920270.53        3.19703  (09091807)                275344.34
3920270.53        3.19468  (09091807)
        275364.34   3920270.53        3.19245  (09091807)                275384.34
3920270.53        3.19027  (09091807)
        275404.34   3920270.53        3.18809  (09091807)                275424.34
3920270.53        3.22805  (10091307)
        275444.34   3920270.53        3.32390  (08022608)                275464.34
3920270.53        3.42010  (08022608)
        275484.34   3920270.53        3.51632  (08022608)                275504.34
3920270.53        3.61238  (08022608)
        275524.34   3920270.53        3.70813  (08022608)                275544.34
3920270.53        3.80317  (08022608)
        275564.34   3920270.53        3.89777  (08022608)                275584.34
3920270.53        3.99134  (08022608)
        275604.34   3920270.53        4.08395  (08022608)                275624.34
3920270.53        4.17546  (08022608)
        275644.34   3920270.53        4.26576  (08022608)                275664.34
3920270.53        4.35472  (08022608)
        275684.34   3920270.53        4.44223  (08022608)                275704.34
3920270.53        4.52786  (08022608)
        275724.34   3920270.53        4.61214  (08022608)                275744.34
3920270.53        4.69432  (08022608)
        275764.34   3920270.53        4.77461  (08022608)                275784.34
3920270.53        4.85328  (08022608)
        275804.34   3920270.53        4.92950  (08022608)                275824.34
3920270.53        5.00392  (08022608)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        14:33:56

                                  PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                  INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
```

```
                L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC      (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        275844.34   3920270.53        5.07605  (08022608)               275864.34
3920270.53        5.14577  (08022608)
        275884.34   3920270.53        5.21340  (08022608)               275904.34
3920270.53        5.27838  (08022608)
        275924.34   3920270.53        5.34105  (08022608)               275944.34
3920270.53        5.40037  (08022608)
        275964.34   3920270.53        5.45664  (08022608)               275984.34
3920270.53        5.50974  (08022608)
        276004.34   3920270.53        5.55905  (08022608)               276024.34
3920270.53        5.60443  (08022608)
        276044.34   3920270.53        5.64572  (08022608)               276064.34
3920270.53        5.68279  (08022608)
        276164.34   3920270.53        5.83545  (08022608)               276184.34
3920270.53        5.86100  (08022608)
        276204.34   3920270.53        5.88358  (08022608)               276224.34
3920270.53        5.90700  (08022608)
        276244.34   3920270.53        5.92599  (08022608)               276264.34
3920270.53        5.93989  (08022608)
        276284.34   3920270.53        5.94876  (08022608)               276304.34
3920270.53        5.95176  (08022608)
        276324.34   3920270.53        5.95102  (08022608)               276344.34
3920270.53        5.94631  (08022608)
        276364.34   3920270.53        5.93855  (08022608)               276384.34
3920270.53        5.92860  (08022608)
        276404.34   3920270.53        5.91585  (08022608)               276424.34
3920270.53        5.89968  (08022608)
        276444.34   3920270.53        5.87956  (08022608)               276464.34
3920270.53        5.85544  (08022608)
        276484.34   3920270.53        5.82739  (08022608)               275324.34
3920290.53        3.20604  (09091807)
        275344.34   3920290.53        3.20359  (09091807)               275364.34
3920290.53        3.20132  (09091807)
        275384.34   3920290.53        3.19918  (09091807)               275404.34
```

```
3920290.53        3.20933  (10091307)
        275424.34   3920290.53        3.28093  (08022608)                275444.34
3920290.53        3.37726  (08022608)
        275464.34   3920290.53        3.47369  (08022608)                275484.34
3920290.53        3.57006  (08022608)
        275504.34   3920290.53        3.66618  (08022608)                275524.34
3920290.53        3.76188  (08022608)
        275544.34   3920290.53        3.85679  (08022608)                275564.34
3920290.53        3.95116  (08022608)
        275584.34   3920290.53        4.04442  (08022608)                275604.34
3920290.53        4.13664  (08022608)
        275624.34   3920290.53        4.22769  (08022608)                275644.34
3920290.53        4.31717  (08022608)
        275664.34   3920290.53        4.40582  (08022608)                275684.34
3920290.53        4.49266  (08022608)
        275704.34   3920290.53        4.57757  (08022608)                275724.34
3920290.53        4.66073  (08022608)
        275744.34   3920290.53        4.74241  (08022608)                275764.34
3920290.53        4.82180  (08022608)
        275784.34   3920290.53        4.89915  (08022608)                275804.34
3920290.53        4.97435  (08022608)
        275824.34   3920290.53        5.04770  (08022608)                275844.34
3920290.53        5.11871  (08022608)
        275864.34   3920290.53        5.18767  (08022608)                275884.34
3920290.53        5.25407  (08022608)
        275904.34   3920290.53        5.31776  (08022608)                275924.34
3920290.53        5.37860  (08022608)
        275944.34   3920290.53        5.43694  (08022608)                275964.34
3920290.53        5.49218  (08022608)
        275984.34   3920290.53        5.54371  (08022608)                276004.34
3920290.53        5.59138  (08022608)
        276024.34   3920290.53        5.63504  (08022608)                276044.34
3920290.53        5.67454  (08022608)
        276164.34   3920290.53        5.85511  (08022608)                276184.34
3920290.53        5.87785  (08022608)
        276204.34   3920290.53        5.89876  (08022608)                276224.34
3920290.53        5.91838  (08022608)
        276244.34   3920290.53        5.93488  (08022608)                276264.34
3920290.53        5.94649  (08022608)
        276284.34   3920290.53        5.95437  (08022608)                276304.34
3920290.53        5.95736  (08022608)
        276324.34   3920290.53        5.95546  (08022608)                276344.34
3920290.53        5.94968  (08022608)
        276364.34   3920290.53        5.94030  (08022608)                276384.34
3920290.53        5.92820  (08022608)
        276404.34   3920290.53        5.91421  (08022608)                276424.34
3920290.53        5.89672  (08022608)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                 ***
08/15/24
```

*** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC      (YYMMDDHH)
 - - --- - - -

3920310.53 4.70964 (08022608)
275744.34 3920310.53 4.78974 (08022608) 275764.34
3920310.53 4.86819 (08022608)
275784.34 3920310.53 4.94455 (08022608) 275804.34
3920310.53 5.01911 (08022608)
275824.34 3920310.53 5.09095 (08022608) 275844.34
3920310.53 5.16079 (08022608)
275864.34 3920310.53 5.22854 (08022608) 275884.34
3920310.53 5.29366 (08022608)
275904.34 3920310.53 5.35600 (08022608) 275924.34
3920310.53 5.41591 (08022608)
275944.34 3920310.53 5.47279 (08022608) 275964.34
3920310.53 5.52698 (08022608)
275984.34 3920310.53 5.57690 (08022608) 276004.34
3920310.53 5.62288 (08022608)
276024.34 3920310.53 5.66425 (08022608) 276044.34
3920310.53 5.70193 (08022608)
276164.34 3920310.53 5.87437 (08022608) 276184.34
3920310.53 5.89432 (08022608)
276204.34 3920310.53 5.91253 (08022608) 276224.34
3920310.53 5.92998 (08022608)
276244.34 3920310.53 5.94337 (08022608) 276264.34
3920310.53 5.95311 (08022608)
276284.34 3920310.53 5.95959 (08022608) 276304.34
3920310.53 5.96160 (08022608)
276324.34 3920310.53 5.95866 (08022608) 276344.34
3920310.53 5.95171 (08022608)
276364.34 3920310.53 5.94119 (08022608) 276384.34
3920310.53 5.92788 (08022608)
276404.34 3920310.53 5.91163 (08022608) 276424.34
3920310.53 5.89230 (08022608)
276444.34 3920310.53 5.86893 (08022608) 276464.34
3920310.53 5.84152 (08022608)
276484.34 3920310.53 5.80980 (08022608) 275144.34
3920330.53 3.25970 (09091807)
275164.34 3920330.53 3.25511 (09091807) 275184.34
3920330.53 3.25057 (09091807)
275204.34 3920330.53 3.24613 (09091807) 275224.34
3920330.53 3.24206 (09091807)
275244.34 3920330.53 3.23795 (09091807) 275264.34
3920330.53 3.23405 (09091807)
275284.34 3920330.53 3.23040 (09091807) 275304.34
3920330.53 3.22724 (09091807)
275324.34 3920330.53 3.22412 (09091807) 275344.34
3920330.53 3.22128 (09091807)
275364.34 3920330.53 3.21870 (09091807) 275384.34
3920330.53 3.21637 (09091807)
275404.34 3920330.53 3.29120 (08022608) 275424.34
3920330.53 3.38798 (08022608)
275444.34 3920330.53 3.48468 (08022608) 275464.34

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                  INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC      (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        275604.34   3920330.53        4.24156  (08022608)                275624.34
3920330.53        4.33156  (08022608)
        275644.34   3920330.53        4.42014  (08022608)                275664.34
3920330.53        4.50719  (08022608)
        275684.34   3920330.53        4.59262  (08022608)                275704.34
3920330.53        4.67597  (08022608)
        275724.34   3920330.53        4.75747  (08022608)                275744.34
3920330.53        4.83701  (08022608)
        275764.34   3920330.53        4.91451  (08022608)                275784.34
3920330.53        4.99026  (08022608)
        275804.34   3920330.53        5.06335  (08022608)                275824.34
3920330.53        5.13406  (08022608)
        275844.34   3920330.53        5.20272  (08022608)                275864.34

3920330.53 5.26878 (08022608)
275884.34 3920330.53 5.33258 (08022608) 275904.34
3920330.53 5.39354 (08022608)
275924.34 3920330.53 5.45200 (08022608) 275944.34
3920330.53 5.50787 (08022608)
275964.34 3920330.53 5.56051 (08022608) 275984.34
3920330.53 5.60978 (08022608)
276004.34 3920330.53 5.65406 (08022608) 276024.34
3920330.53 5.69365 (08022608)
276164.34 3920330.53 5.89216 (08022608) 276184.34
3920330.53 5.90988 (08022608)
276204.34 3920330.53 5.92595 (08022608) 276224.34
3920330.53 5.94071 (08022608)
276244.34 3920330.53 5.95206 (08022608) 276264.34
3920330.53 5.96035 (08022608)
276284.34 3920330.53 5.96393 (08022608) 276304.34
3920330.53 5.96446 (08022608)
276324.34 3920330.53 5.96104 (08022608) 276344.34
3920330.53 5.95341 (08022608)
276364.34 3920330.53 5.94170 (08022608) 276384.34
3920330.53 5.92665 (08022608)
276404.34 3920330.53 5.90858 (08022608) 276424.34
3920330.53 5.88692 (08022608)
276444.34 3920330.53 5.86161 (08022608) 276464.34
3920330.53 5.83278 (08022608)
276484.34 3920330.53 5.79924 (08022608) 275144.34
3920350.53 3.27111 (09091807)
275164.34 3920350.53 3.26644 (09091807) 275184.34
3920350.53 3.26179 (09091807)
275204.34 3920350.53 3.25742 (09091807) 275224.34
3920350.53 3.25292 (09091807)
275244.34 3920350.53 3.24857 (09091807) 275264.34
3920350.53 3.24440 (09091807)
275284.34 3920350.53 3.24046 (09091807) 275304.34
3920350.53 3.23700 (09091807)
275324.34 3920350.53 3.23359 (09091807) 275344.34
3920350.53 3.23047 (09091807)
275364.34 3920350.53 3.22764 (09091807) 275384.34
3920350.53 3.24787 (08022608)
275404.34 3920350.53 3.34475 (08022608) 275424.34
3920350.53 3.44182 (08022608)
275444.34 3920350.53 3.53870 (08022608) 275464.34
3920350.53 3.63555 (08022608)
275484.34 3920350.53 3.73204 (08022608) 275504.34
3920350.53 3.82800 (08022608)
275524.34 3920350.53 3.92303 (08022608) 275544.34
3920350.53 4.01745 (08022608)
275564.34 3920350.53 4.11063 (08022608) 275584.34
3920350.53 4.20294 (08022608)
275604.34 3920350.53 4.29374 (08022608) 275624.34

3920350.53 5.72052 (08022608)
276164.34 3920350.53 5.90852 (08022608) 276184.34
3920350.53 5.92456 (08022608)
276204.34 3920350.53 5.93850 (08022608) 276224.34
3920350.53 5.95114 (08022608)
276244.34 3920350.53 5.96046 (08022608) 276264.34
3920350.53 5.96675 (08022608)
276284.34 3920350.53 5.96893 (08022608) 276304.34
3920350.53 5.96797 (08022608)
276324.34 3920350.53 5.96296 (08022608) 276344.34
3920350.53 5.95381 (08022608)
276364.34 3920350.53 5.94081 (08022608) 276384.34
3920350.53 5.92448 (08022608)
276404.34 3920350.53 5.90456 (08022608) 276424.34
3920350.53 5.88098 (08022608)
276444.34 3920350.53 5.85326 (08022608) 276464.34
3920350.53 5.82254 (08022608)
276484.34 3920350.53 5.78767 (08022608) 275144.34
3920370.53 3.28266 (09091807)
275164.34 3920370.53 3.27799 (09091807) 275184.34
3920370.53 3.27327 (09091807)
275204.34 3920370.53 3.26878 (09091807) 275224.34
3920370.53 3.26412 (09091807)
275244.34 3920370.53 3.25956 (09091807) 275264.34
3920370.53 3.25514 (09091807)
275284.34 3920370.53 3.25092 (09091807) 275304.34
3920370.53 3.24717 (09091807)
275324.34 3920370.53 3.24344 (09091807) 275344.34
3920370.53 3.24000 (09091807)
275364.34 3920370.53 3.23687 (09091807) 275384.34
3920370.53 3.30136 (08022608)
275404.34 3920370.53 3.39858 (08022608) 275424.34
3920370.53 3.49587 (08022608)
275444.34 3920370.53 3.59287 (08022608) 275464.34
3920370.53 3.68976 (08022608)
275484.34 3920370.53 3.78618 (08022608) 275504.34
3920370.53 3.88198 (08022608)
275524.34 3920370.53 3.97677 (08022608) 275544.34
3920370.53 4.07086 (08022608)
275564.34 3920370.53 4.16363 (08022608) 275584.34
3920370.53 4.25518 (08022608)
275604.34 3920370.53 4.34570 (08022608) 275624.34
3920370.53 4.43449 (08022608)
275644.34 3920370.53 4.52175 (08022608) 275664.34
3920370.53 4.60735 (08022608)
275684.34 3920370.53 4.69087 (08022608) 275704.34
3920370.53 4.77253 (08022608)
275724.34 3920370.53 4.85260 (08022608) 275744.34
3920370.53 4.93026 (08022608)
275764.34 3920370.53 5.00575 (08022608) 275784.34

```
3920370.53        5.07940  (08022608)
        275804.34   3920370.53        5.15070  (08022608)                275824.34
3920370.53        5.21908  (08022608)
        275844.34   3920370.53        5.28482  (08022608)                275964.34
3920370.53        5.62718  (08022608)
        275984.34   3920370.53        5.67307  (08022608)                276004.34
3920370.53        5.71277  (08022608)
        276164.34   3920370.53        5.92451  (08022608)                276184.34
3920370.53        5.93837  (08022608)
        276204.34   3920370.53        5.95074  (08022608)                276224.34
3920370.53        5.96132  (08022608)
        276244.34   3920370.53        5.96858  (08022608)                276264.34
3920370.53        5.97287  (08022608)
        276284.34   3920370.53        5.97363  (08022608)                276304.34
3920370.53        5.97066  (08022608)
        276324.34   3920370.53        5.96407  (08022608)                276344.34
3920370.53        5.95332  (08022608)
        276364.34   3920370.53        5.93856  (08022608)                276384.34
3920370.53        5.92035  (08022608)
        276404.34   3920370.53        5.89952  (08022608)                276424.34
3920370.53        5.87400  (08022608)
        276444.34   3920370.53        5.84434  (08022608)                276464.34
3920370.53        5.81173  (08022608)
        276484.34   3920370.53        5.77557  (08022608)                276504.34
3920370.53        5.73595  (08022608)
        275144.34   3920390.53        3.29431  (09091807)                275164.34
3920390.53        3.28969  (09091807)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                 L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                 L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                 L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***
```

**   CONC OF PM_10    IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 275184.34 | 3920390.53 | 3.28496 | (09091807) | 275204.34 | 3920390.53 | 3.28041 | (09091807) |
| 275224.34 | 3920390.53 | 3.27563 | (09091807) | 275244.34 | 3920390.53 | 3.27090 | (09091807) |
| 275264.34 | 3920390.53 | 3.26627 | (09091807) | 275284.34 | 3920390.53 | 3.26203 | (09091807) |
| 275304.34 | 3920390.53 | 3.25775 | (09091807) | 275324.34 | 3920390.53 | 3.25371 | (09091807) |
| 275344.34 | 3920390.53 | 3.24994 | (09091807) | 275364.34 | 3920390.53 | 3.25782 | (08022608) |
| 275384.34 | 3920390.53 | 3.35515 | (08022608) | 275404.34 | 3920390.53 | 3.45265 | (08022608) |
| 275424.34 | 3920390.53 | 3.55012 | (08022608) | 275444.34 | 3920390.53 | 3.64718 | (08022608) |
| 275464.34 | 3920390.53 | 3.74405 | (08022608) | 275484.34 | 3920390.53 | 3.84035 | (08022608) |
| 275504.34 | 3920390.53 | 3.93572 | (08022608) | 275524.34 | 3920390.53 | 4.03044 | (08022608) |
| 275544.34 | 3920390.53 | 4.12415 | (08022608) | 275564.34 | 3920390.53 | 4.21646 | (08022608) |
| 275584.34 | 3920390.53 | 4.30749 | (08022608) | 275604.34 | 3920390.53 | 4.39742 | (08022608) |
| 275624.34 | 3920390.53 | 4.48556 | (08022608) | 275644.34 | 3920390.53 | 4.57209 | (08022608) |
| 275664.34 | 3920390.53 | 4.65659 | (08022608) | 275684.34 | 3920390.53 | 4.73926 | (08022608) |
| 275704.34 | 3920390.53 | 4.82002 | (08022608) | 275724.34 | 3920390.53 | 4.89953 | (08022608) |
| 275744.34 | 3920390.53 | 4.97619 | (08022608) | 275764.34 | 3920390.53 | 5.05105 | (08022608) |
| 275784.34 | 3920390.53 | 5.12320 | (08022608) | 275804.34 | 3920390.53 | 5.19290 | (08022608) |
| 275824.34 | 3920390.53 | 5.26049 | (08022608) | 276164.34 | 3920390.53 | 5.94013 | (08022608) |
| 276184.34 | 3920390.53 | 5.95183 | (08022608) | 276204.34 | 3920390.53 | 5.96268 | (08022608) |
| 276224.34 | 3920390.53 | 5.97068 | (08022608) | 276244.34 | 3920390.53 | 5.97647 | (08022608) |
| 276264.34 | 3920390.53 | 5.97873 | (08022608) | 276284.34 | 3920390.53 | 5.97749 | (08022608) |
| 276304.34 | 3920390.53 | 5.97250 | (08022608) | 276324.34 | 3920390.53 | 5.96433 | (08022608) |
| 276344.34 | 3920390.53 | 5.95235 | (08022608) | 276364.34 | | | |

```
3920390.53        5.93588  (08022608)
        276384.34   3920390.53        5.91573  (08022608)                276404.34
3920390.53        5.89297  (08022608)
        276424.34   3920390.53        5.86596  (08022608)                276444.34
3920390.53        5.83483  (08022608)
        276464.34   3920390.53        5.80036  (08022608)                276484.34
3920390.53        5.76251  (08022608)
        276504.34   3920390.53        5.72147  (08022608)                275144.34
3920410.53        3.30598  (09091807)
        275164.34   3920410.53        3.30147  (09091807)                275184.34
3920410.53        3.29680  (09091807)
        275204.34   3920410.53        3.29225  (09091807)                275224.34
3920410.53        3.28741  (09091807)
        275244.34   3920410.53        3.28257  (09091807)                275264.34
3920410.53        3.27777  (09091807)
        275284.34   3920410.53        3.27330  (09091807)                275304.34
3920410.53        3.26876  (09091807)
        275324.34   3920410.53        3.26442  (09091807)                275344.34
3920410.53        3.26032  (09091807)
        275364.34   3920410.53        3.31156  (08022608)                275384.34
3920410.53        3.40922  (08022608)
        275404.34   3920410.53        3.50693  (08022608)                275424.34
3920410.53        3.60452  (08022608)
        275444.34   3920410.53        3.70160  (08022608)                275464.34
3920410.53        3.79839  (08022608)
        275484.34   3920410.53        3.89453  (08022608)                275504.34
3920410.53        3.98962  (08022608)
        275524.34   3920410.53        4.08375  (08022608)                275544.34
3920410.53        4.17703  (08022608)
        275564.34   3920410.53        4.26911  (08022608)                275584.34
3920410.53        4.35987  (08022608)
        275604.34   3920410.53        4.44888  (08022608)                275624.34
3920410.53        4.53600  (08022608)
        275644.34   3920410.53        4.62177  (08022608)                275664.34
3920410.53        4.70544  (08022608)
        275684.34   3920410.53        4.78760  (08022608)                275704.34
3920410.53        4.86743  (08022608)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        14:33:56

                                  PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                  INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
```

```
                L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC      (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        275724.34   3920410.53        4.94560  (08022608)               275744.34
3920410.53        5.02164  (08022608)
        275764.34   3920410.53        5.09544  (08022608)               275784.34
3920410.53        5.16689  (08022608)
        276164.34   3920410.53        5.95435  (08022608)               276184.34
3920410.53        5.96444  (08022608)
        276204.34   3920410.53        5.97330  (08022608)               276224.34
3920410.53        5.97984  (08022608)
        276244.34   3920410.53        5.98356  (08022608)               276264.34
3920410.53        5.98435  (08022608)
        276284.34   3920410.53        5.98106  (08022608)               276304.34
3920410.53        5.97454  (08022608)
        276324.34   3920410.53        5.96472  (08022608)               276344.34
3920410.53        5.95099  (08022608)
        276364.34   3920410.53        5.93318  (08022608)               276384.34
3920410.53        5.91061  (08022608)
        276404.34   3920410.53        5.88537  (08022608)               276424.34
3920410.53        5.85638  (08022608)
        276444.34   3920410.53        5.82383  (08022608)               276464.34
3920410.53        5.78752  (08022608)
        276484.34   3920410.53        5.74853  (08022608)               276504.34
3920410.53        5.70621  (08022608)
        275164.34   3920430.53        3.31327  (09091807)               275184.34
3920430.53        3.30873  (09091807)
        275204.34   3920430.53        3.30424  (09091807)               275224.34
3920430.53        3.29941  (09091807)
        275244.34   3920430.53        3.29451  (09091807)               275264.34
3920430.53        3.28983  (09091807)
        275284.34   3920430.53        3.28496  (09091807)               275304.34
3920430.53        3.28019  (09091807)
        275324.34   3920430.53        3.27558  (09091807)               275344.34
3920430.53        3.27117  (09091807)
        275364.34   3920430.53        3.36559  (08022608)               275384.34
```

```
3920430.53        3.46352  (08022608)
        275404.34   3920430.53        3.56140  (08022608)                275424.34
3920430.53        3.65906  (08022608)
        275444.34   3920430.53        3.75610  (08022608)                275464.34
3920430.53        3.85275  (08022608)
        275484.34   3920430.53        3.94844  (08022608)                275504.34
3920430.53        4.04321  (08022608)
        275524.34   3920430.53        4.13719  (08022608)                275544.34
3920430.53        4.23001  (08022608)
        275564.34   3920430.53        4.32126  (08022608)                275584.34
3920430.53        4.41141  (08022608)
        275604.34   3920430.53        4.49973  (08022608)                275624.34
3920430.53        4.58644  (08022608)
        275644.34   3920430.53        4.67108  (08022608)                275664.34
3920430.53        4.75425  (08022608)
        275684.34   3920430.53        4.83590  (08022608)                275704.34
3920430.53        4.91481  (08022608)
        275724.34   3920430.53        4.99200  (08022608)                275744.34
3920430.53        5.06702  (08022608)
        276164.34   3920430.53        5.96717  (08022608)                276184.34
3920430.53        5.97622  (08022608)
        276204.34   3920430.53        5.98310  (08022608)                276224.34
3920430.53        5.98819  (08022608)
        276244.34   3920430.53        5.98987  (08022608)                276264.34
3920430.53        5.98918  (08022608)
        276284.34   3920430.53        5.98436  (08022608)                276304.34
3920430.53        5.97624  (08022608)
        276324.34   3920430.53        5.96422  (08022608)                276344.34
3920430.53        5.94868  (08022608)
        276364.34   3920430.53        5.92902  (08022608)                276384.34
3920430.53        5.90495  (08022608)
        276404.34   3920430.53        5.87719  (08022608)                276424.34
3920430.53        5.84620  (08022608)
        276444.34   3920430.53        5.81173  (08022608)                276464.34
3920430.53        5.77415  (08022608)
        276484.34   3920430.53        5.73324  (08022608)                276504.34
3920430.53        5.68979  (08022608)
        275164.34   3920450.53        3.32500  (09091807)                275184.34
3920450.53        3.32065  (09091807)
        275204.34   3920450.53        3.31608  (09091807)                275224.34
3920450.53        3.31155  (09091807)
        275244.34   3920450.53        3.30666  (09091807)                275264.34
3920450.53        3.30193  (09091807)
        275284.34   3920450.53        3.29695  (09091807)                275304.34
3920450.53        3.29201  (09091807)
        275324.34   3920450.53        3.28717  (09091807)                275344.34
3920450.53        3.32179  (08022608)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                 ***
08/15/24
```

*** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC      (YYMMDDHH)
 - - --- - - -

```
3920450.53        5.99323  (08022608)
        276284.34   3920450.53        5.98740  (08022608)                276304.34
3920450.53        5.97710  (08022608)
        276324.34   3920450.53        5.96333  (08022608)                276344.34
3920450.53        5.94544  (08022608)
        276364.34   3920450.53        5.92433  (08022608)                276384.34
3920450.53        5.89823  (08022608)
        276404.34   3920450.53        5.86842  (08022608)                276424.34
3920450.53        5.83494  (08022608)
        276444.34   3920450.53        5.79861  (08022608)                276464.34
3920450.53        5.75939  (08022608)
        276484.34   3920450.53        5.71714  (08022608)                276504.34
3920450.53        5.67320  (08022608)
        275184.34   3920470.53        3.33251  (09091807)                275204.34
3920470.53        3.32814  (09091807)
        275224.34   3920470.53        3.32376  (09091807)                275244.34
3920470.53        3.31896  (09091807)
        275264.34   3920470.53        3.31425  (09091807)                275284.34
3920470.53        3.30922  (09091807)
        275304.34   3920470.53        3.30417  (09091807)                275324.34
3920470.53        3.29916  (09091807)
        275344.34   3920470.53        3.37606  (08022608)                275364.34
3920470.53        3.47443  (08022608)
        275384.34   3920470.53        3.57273  (08022608)                275404.34
3920470.53        3.67078  (08022608)
        275424.34   3920470.53        3.76819  (08022608)                275444.34
3920470.53        3.86519  (08022608)
        275464.34   3920470.53        3.96120  (08022608)                275484.34
3920470.53        4.05626  (08022608)
        275504.34   3920470.53        4.15025  (08022608)                275524.34
3920470.53        4.24331  (08022608)
        275544.34   3920470.53        4.33507  (08022608)                275564.34
3920470.53        4.42511  (08022608)
        275584.34   3920470.53        4.51360  (08022608)                275604.34
3920470.53        4.60045  (08022608)
        275624.34   3920470.53        4.68558  (08022608)                275644.34
3920470.53        4.76925  (08022608)
        276164.34   3920470.53        5.99026  (08022608)                276184.34
3920470.53        5.99575  (08022608)
        276204.34   3920470.53        5.99976  (08022608)                276224.34
3920470.53        6.00197  (08022608)
        276244.34   3920470.53        6.00072  (08022608)                276264.34
3920470.53        5.99648  (08022608)
        276284.34   3920470.53        5.98852  (08022608)                276304.34
3920470.53        5.97708  (08022608)
        276324.34   3920470.53        5.96100  (08022608)                276344.34
3920470.53        5.94170  (08022608)
        276364.34   3920470.53        5.91811  (08022608)                276384.34
3920470.53        5.89043  (08022608)
        276404.34   3920470.53        5.85806  (08022608)                276424.34
```

        275224.34   3920490.53        3.33595  (09091807)                275244.34
3920490.53        3.33131  (09091807)
        275264.34   3920490.53        3.32646  (09091807)                275284.34
3920490.53        3.32170  (09091807)
        275304.34   3920490.53        3.31662  (09091807)                275324.34
3920490.53        3.33206  (08022608)
        275344.34   3920490.53        3.43060  (08022608)                275364.34
3920490.53        3.52917  (08022608)
        275384.34   3920490.53        3.62758  (08022608)                275404.34
3920490.53        3.72542  (08022608)
        275424.34   3920490.53        3.82292  (08022608)                275444.34
3920490.53        3.91950  (08022608)
        275464.34   3920490.53        4.01520  (08022608)                275484.34

```
3920490.53        4.10988  (08022608)
        275504.34   3920490.53        4.20367  (08022608)                275524.34
3920490.53        4.29622  (08022608)
        275544.34   3920490.53        4.38708  (08022608)                275564.34
3920490.53        4.47645  (08022608)
        275584.34   3920490.53        4.56421  (08022608)                276164.34
3920490.53        6.00110  (08022608)
        276184.34   3920490.53        6.00511  (08022608)                276204.34
3920490.53        6.00721  (08022608)
        276224.34   3920490.53        6.00742  (08022608)                276244.34
3920490.53        6.00470  (08022608)
        276264.34   3920490.53        5.99892  (08022608)                276284.34
3920490.53        5.98879  (08022608)
        276304.34   3920490.53        5.97564  (08022608)                276324.34
3920490.53        5.95822  (08022608)
        276344.34   3920490.53        5.93644  (08022608)                276364.34
3920490.53        5.91081  (08022608)
        276384.34   3920490.53        5.88104  (08022608)                276404.34
3920490.53        5.84709  (08022608)
        276424.34   3920490.53        5.80970  (08022608)                276444.34
3920490.53        5.76891  (08022608)
        276464.34   3920490.53        5.72683  (08022608)                276484.34
3920490.53        5.68290  (08022608)
        276504.34   3920490.53        5.63774  (08022608)                275204.34
3920510.53        3.35191  (09091807)
        275224.34   3920510.53        3.34805  (09091807)                275244.34
3920510.53        3.34364  (09091807)
        275264.34   3920510.53        3.33896  (09091807)                275284.34
3920510.53        3.33431  (09091807)
        275304.34   3920510.53        3.32926  (09091807)                275324.34
3920510.53        3.38657  (08022608)
        275344.34   3920510.53        3.48538  (08022608)                275364.34
3920510.53        3.58410  (08022608)
        275384.34   3920510.53        3.68254  (08022608)                275404.34
3920510.53        3.78032  (08022608)
        275424.34   3920510.53        3.87744  (08022608)                275444.34
3920510.53        3.97375  (08022608)
        275464.34   3920510.53        4.06935  (08022608)                275484.34
3920510.53        4.16361  (08022608)
        275504.34   3920510.53        4.25692  (08022608)                275524.34
3920510.53        4.34860  (08022608)
        276164.34   3920510.53        6.01113  (08022608)                276184.34
3920510.53        6.01372  (08022608)
        276204.34   3920510.53        6.01448  (08022608)                276224.34
3920510.53        6.01268  (08022608)
        276244.34   3920510.53        6.00789  (08022608)                276264.34
3920510.53        5.99999  (08022608)
        276284.34   3920510.53        5.98874  (08022608)                276304.34
3920510.53        5.97327  (08022608)
        276324.34   3920510.53        5.95393  (08022608)                276344.34
```

```
3920510.53        5.93012  (08022608)
        276364.34   3920510.53        5.90184  (08022608)                276384.34
3920510.53        5.87006  (08022608)
        276404.34   3920510.53        5.83453  (08022608)                276424.34
3920510.53        5.79528  (08022608)
        276444.34   3920510.53        5.75338  (08022608)                276464.34
3920510.53        5.70920  (08022608)
        276484.34   3920510.53        5.66452  (08022608)                276504.34
3920510.53        5.62001  (08022608)
        275204.34   3920530.53        3.36346  (09091807)                275224.34
3920530.53        3.35995  (09091807)
        275244.34   3920530.53        3.35585  (09091807)                275264.34
3920530.53        3.35142  (09091807)
        275284.34   3920530.53        3.34672  (09091807)                275304.34
3920530.53        3.34236  (08022608)
        275324.34   3920530.53        3.44135  (08022608)                275344.34
3920530.53        3.54035  (08022608)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                 L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                 L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                 L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC      (YYMMDDHH)
 - - --- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        275364.34   3920530.53        3.63916  (08022608)                275384.34
3920530.53        3.73738  (08022608)
        275404.34   3920530.53        3.83525  (08022608)                275424.34
```

3920530.53 3.93216 (08022608)
275444.34 3920530.53 4.02817 (08022608) 275464.34
3920530.53 4.12312 (08022608)
276164.34 3920530.53 6.02037 (08022608) 276184.34
3920530.53 6.02159 (08022608)
276204.34 3920530.53 6.02102 (08022608) 276224.34
3920530.53 6.01718 (08022608)
276244.34 3920530.53 6.01086 (08022608) 276264.34
3920530.53 6.00078 (08022608)
276284.34 3920530.53 5.98780 (08022608) 276304.34
3920530.53 5.96994 (08022608)
276324.34 3920530.53 5.94861 (08022608) 276344.34
3920530.53 5.92221 (08022608)
276364.34 3920530.53 5.89175 (08022608) 276384.34
3920530.53 5.85794 (08022608)
276404.34 3920530.53 5.82040 (08022608) 276424.34
3920530.53 5.77988 (08022608)
276444.34 3920530.53 5.73655 (08022608) 276464.34
3920530.53 5.69184 (08022608)
276484.34 3920530.53 5.64666 (08022608) 276504.34
3920530.53 5.60177 (08022608)
275224.34 3920550.53 3.37159 (09091807) 275244.34
3920550.53 3.36786 (09091807)
275264.34 3920550.53 3.36376 (09091807) 275284.34
3920550.53 3.35932 (09091807)
275304.34 3920550.53 3.39712 (08022608) 275324.34
3920550.53 3.49636 (08022608)
275344.34 3920550.53 3.59550 (08022608) 275364.34
3920550.53 3.69434 (08022608)
275384.34 3920550.53 3.79249 (08022608) 275404.34
3920550.53 3.88996 (08022608)
275424.34 3920550.53 3.98684 (08022608) 276164.34
3920550.53 6.02937 (08022608)
276184.34 3920550.53 6.02877 (08022608) 276204.34
3920550.53 6.02623 (08022608)
276224.34 3920550.53 6.02090 (08022608) 276244.34
3920550.53 6.01303 (08022608)
276264.34 3920550.53 6.00127 (08022608) 276284.34
3920550.53 5.98537 (08022608)
276304.34 3920550.53 5.96613 (08022608) 276324.34
3920550.53 5.94171 (08022608)
276344.34 3920550.53 5.91318 (08022608) 276364.34
3920550.53 5.88107 (08022608)
276384.34 3920550.53 5.84470 (08022608) 276404.34
3920550.53 5.80570 (08022608)
276424.34 3920550.53 5.76354 (08022608) 276444.34
3920550.53 5.71898 (08022608)
276464.34 3920550.53 5.67351 (08022608) 276484.34
3920550.53 5.62816 (08022608)
276504.34 3920550.53 5.58406 (08022608) 275224.34

```
3920570.53        3.38288  (09091807)
        275244.34   3920570.53        3.37959  (09091807)                275264.34
3920570.53        3.37588  (09091807)
        275284.34   3920570.53        3.37178  (09091807)                275304.34
3920570.53        3.45214  (08022608)
        275324.34   3920570.53        3.55157  (08022608)                275344.34
3920570.53        3.65079  (08022608)
        275364.34   3920570.53        3.74917  (08022608)                276164.34
3920570.53        6.03711  (08022608)
        276184.34   3920570.53        6.03519  (08022608)                276204.34
3920570.53        6.03129  (08022608)
        276224.34   3920570.53        6.02441  (08022608)                276244.34
3920570.53        6.01379  (08022608)
        276264.34   3920570.53        5.99975  (08022608)                276284.34
3920570.53        5.98199  (08022608)
        276304.34   3920570.53        5.96023  (08022608)                276324.34
3920570.53        5.93371  (08022608)
        276344.34   3920570.53        5.90300  (08022608)                276364.34
3920570.53        5.86823  (08022608)
        276384.34   3920570.53        5.83027  (08022608)                276404.34
3920570.53        5.78907  (08022608)
        276424.34   3920570.53        5.74589  (08022608)                276444.34
3920570.53        5.70080  (08022608)
        276464.34   3920570.53        5.65485  (08022608)                276484.34
3920570.53        5.61007  (08022608)
        276504.34   3920570.53        5.56623  (08022608)                275264.34
3920590.53        3.38463  (09091807)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                 L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                 L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                 L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***
```

**   CONC OF PM_10    IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 275284.34 | 3920590.53 | 3.40665 | (08022608) | 275304.34 | 3920590.53 | 3.50738 | (08022608) |
| 276164.34 | 3920590.53 | 6.04413 | (08022608) | 276184.34 | 3920590.53 | 6.04030 | (08022608) |
| 276204.34 | 3920590.53 | 6.03497 | (08022608) | 276224.34 | 3920590.53 | 6.02598 | (08022608) |
| 276244.34 | 3920590.53 | 6.01371 | (08022608) | 276264.34 | 3920590.53 | 5.99786 | (08022608) |
| 276284.34 | 3920590.53 | 5.97815 | (08022608) | 276304.34 | 3920590.53 | 5.95379 | (08022608) |
| 276324.34 | 3920590.53 | 5.92508 | (08022608) | 276344.34 | 3920590.53 | 5.89164 | (08022608) |
| 276364.34 | 3920590.53 | 5.85474 | (08022608) | 276384.34 | 3920590.53 | 5.81476 | (08022608) |
| 276404.34 | 3920590.53 | 5.77197 | (08022608) | 276424.34 | 3920590.53 | 5.72704 | (08022608) |
| 276444.34 | 3920590.53 | 5.68169 | (08022608) | 276464.34 | 3920590.53 | 5.63607 | (08022608) |
| 276484.34 | 3920590.53 | 5.59135 | (08022608) | 276504.34 | 3920590.53 | 5.54900 | (08022608) |
| 276164.34 | 3920610.53 | 6.05047 | (08022608) | 276184.34 | 3920610.53 | 6.04524 | (08022608) |
| 276204.34 | 3920610.53 | 6.03729 | (08022608) | 289218.43 | 3919732.28 | 4.41374 | (08022608) |
| 289268.43 | 3919732.28 | 4.29348 | (08022608) | 289318.43 | 3919732.28 | 4.16283 | (08022608) |
| 289368.43 | 3919732.28 | 4.03498 | (08022608) | 289418.43 | 3919732.28 | 3.92070 | (08022608) |
| 289468.43 | 3919732.28 | 3.82765 | (08022608) | 289518.43 | 3919732.28 | 3.75519 | (08022608) |
| 289568.43 | 3919732.28 | 3.74785 | (08011809) | 289618.43 | 3919732.28 | 3.78212 | (08011809) |
| 289668.43 | 3919732.28 | 3.80633 | (08011809) | 289718.43 | 3919732.28 | 3.82801 | (09091107) |
| 289768.43 | 3919732.28 | 3.85351 | (09091107) | 289818.43 | 3919732.28 | 3.87725 | (09091107) |
| 289868.43 | 3919732.28 | 3.89925 | (09091107) | 289918.43 | 3919732.28 | 3.91943 | (09091107) |
| 289968.43 | 3919732.28 | 3.93686 | (09091107) | 290018.43 | 3919732.28 | 3.95150 | (09091107) |
| 290068.43 | 3919732.28 | 3.96402 | (09091107) | 290118.43 | 3919732.28 | 3.97432 | (09091107) |
| 290168.43 | 3919732.28 | 3.98171 | (09091107) | 290218.43 | | | |

```
3919732.28        3.98599  (09091107)
        290268.43   3919732.28        3.98722  (09091107)                290318.43
3919732.28        3.98544  (09091107)
        290368.43   3919732.28        3.98061  (09091107)                290418.43
3919732.28        3.97275  (09091107)
        290468.43   3919732.28        3.96204  (09091107)                290518.43
3919732.28        3.94841  (09091107)
        290568.43   3919732.28        3.97581  (11091307)                290618.43
3919732.28        4.00298  (11091307)
        289018.43   3919782.28        4.59305  (08022608)                289068.43
3919782.28        4.58809  (08022608)
        289118.43   3919782.28        4.55480  (08022608)                289168.43
3919782.28        4.47990  (08022608)
        289218.43   3919782.28        4.36923  (08022608)                289268.43
3919782.28        4.23848  (08022608)
        289318.43   3919782.28        4.10360  (08022608)                289368.43
3919782.28        3.98038  (08022608)
        289418.43   3919782.28        3.87763  (08022608)                289468.43
3919782.28        3.79637  (08022608)
        289518.43   3919782.28        3.82161  (09091107)                289568.43
3919782.28        3.84920  (09091107)
        289618.43   3919782.28        3.87538  (09091107)                289668.43
3919782.28        3.89991  (09091107)
        289718.43   3919782.28        3.92268  (09091107)                289768.43
3919782.28        3.94351  (09091107)
        289818.43   3919782.28        3.96188  (09091107)                289868.43
3919782.28        3.97781  (09091107)
        289918.43   3919782.28        3.99112  (09091107)                289968.43
3919782.28        4.00139  (09091107)
        290018.43   3919782.28        4.00828  (09091107)                290068.43
3919782.28        4.01289  (09091107)
        290118.43   3919782.28        4.01462  (09091107)                290168.43
3919782.28        4.01323  (09091107)
        290218.43   3919782.28        4.00858  (09091107)                290268.43
3919782.28        4.00087  (09091107)
        290318.43   3919782.28        3.99016  (09091107)                290368.43
3919782.28        3.99256  (11091307)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        14:33:56

                                  PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                  INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
```

```
                L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC      (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        290418.43   3919782.28        4.02113  (11091307)               290468.43
3919782.28        4.04876  (11091307)
        290518.43   3919782.28        4.07522  (11091307)               290568.43
3919782.28        4.09973  (11091307)
        290618.43   3919782.28        4.12291  (11091307)               289068.43
3919832.28        4.58899  (08022608)
        289118.43   3919832.28        4.53598  (08022608)               289168.43
3919832.28        4.44176  (08022608)
        289218.43   3919832.28        4.31655  (08022608)               289268.43
3919832.28        4.17843  (08022608)
        289318.43   3919832.28        4.04616  (08022608)               289368.43
3919832.28        3.93206  (08022608)
        289418.43   3919832.28        3.87036  (09091107)               289468.43
3919832.28        3.89753  (09091107)
        289518.43   3919832.28        3.92295  (09091107)               289568.43
3919832.28        3.94639  (09091107)
        289618.43   3919832.28        3.96774  (09091107)               289668.43
3919832.28        3.98673  (09091107)
        289718.43   3919832.28        4.00332  (09091107)               289768.43
3919832.28        4.01730  (09091107)
        289818.43   3919832.28        4.02822  (09091107)               289868.43
3919832.28        4.03608  (09091107)
        289918.43   3919832.28        4.04101  (09091107)               289968.43
3919832.28        4.04308  (09091107)
        290018.43   3919832.28        4.04189  (09091107)               290068.43
3919832.28        4.03753  (09091107)
        290118.43   3919832.28        4.02984  (09091107)               290168.43
3919832.28        4.01908  (09091107)
        290218.43   3919832.28        4.03776  (11091307)               290268.43
3919832.28        4.06595  (11091307)
        290318.43   3919832.28        4.09325  (11091307)               290368.43
3919832.28        4.11962  (11091307)
        290418.43   3919832.28        4.14477  (11091307)               290468.43
```

```
3919832.28        4.16810  (11091307)
        290518.43   3919832.28        4.18965  (11091307)                290568.43
3919832.28        4.20959  (11091307)
        290618.43   3919832.28        4.22792  (11091307)                289068.43
3919882.28        4.58225  (08022608)
        289118.43   3919882.28        4.50609  (08022608)                289168.43
3919882.28        4.39296  (08022608)
        289218.43   3919882.28        4.25732  (08022608)                289268.43
3919882.28        4.11821  (08022608)
        289318.43   3919882.28        3.99244  (08022608)                289368.43
3919882.28        3.94535  (09091107)
        289418.43   3919882.28        3.96992  (09091107)                289468.43
3919882.28        3.99239  (09091107)
        289518.43   3919882.28        4.01245  (09091107)                289568.43
3919882.28        4.02987  (09091107)
        289618.43   3919882.28        4.04441  (09091107)                289668.43
3919882.28        4.05600  (09091107)
        289718.43   3919882.28        4.06450  (09091107)                289768.43
3919882.28        4.06980  (09091107)
        289818.43   3919882.28        4.07187  (09091107)                289868.43
3919882.28        4.07068  (09091107)
        289918.43   3919882.28        4.06626  (09091107)                289968.43
3919882.28        4.05926  (09091107)
        290018.43   3919882.28        4.05568  (11091307)                290068.43
3919882.28        4.08633  (11091307)
        290118.43   3919882.28        4.11423  (11091307)                290168.43
3919882.28        4.14028  (11091307)
        290218.43   3919882.28        4.16528  (11091307)                290268.43
3919882.28        4.18923  (11091307)
        290318.43   3919882.28        4.21186  (11091307)                290368.43
3919882.28        4.23342  (11091307)
        290418.43   3919882.28        4.25377  (11091307)                290468.43
3919882.28        4.27181  (11091307)
        290518.43   3919882.28        4.28783  (11091307)                290568.43
3919882.28        4.30208  (11091307)
        290618.43   3919882.28        4.31461  (11091307)                289068.43
3919932.28        4.56403  (08022608)
        289118.43   3919932.28        4.46605  (08022608)                289168.43
3919932.28        4.33728  (08022608)
        289218.43   3919932.28        4.19547  (08022608)                289268.43
3919932.28        4.05989  (08022608)
        289318.43   3919932.28        4.01635  (09091107)                289368.43
3919932.28        4.03735  (09091107)
        289418.43   3919932.28        4.05583  (09091107)                289468.43
3919932.28        4.07158  (09091107)
        289518.43   3919932.28        4.08426  (09091107)                289568.43
3919932.28        4.09366  (09091107)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                 ***
08/15/24
```

*** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC      (YYMMDDHH)
 - - --- - - -

```
3919982.28        4.27543  (08022608)
        289218.43   3919982.28        4.13329  (08022608)                289268.43
3919982.28        4.08182  (09091107)
        289318.43   3919982.28        4.09830  (09091107)                289368.43
3919982.28        4.11170  (09091107)
        289418.43   3919982.28        4.12202  (09091107)                289468.43
3919982.28        4.12898  (09091107)
        289518.43   3919982.28        4.13248  (09091107)                289568.43
3919982.28        4.13243  (09091107)
        289618.43   3919982.28        4.12864  (09091107)                289668.43
3919982.28        4.12117  (09091107)
        289718.43   3919982.28        4.14935  (11091307)                289768.43
3919982.28        4.17712  (11091307)
        289818.43   3919982.28        4.20380  (11091307)                289868.43
3919982.28        4.22966  (11091307)
        289918.43   3919982.28        4.25499  (11091307)                289968.43
3919982.28        4.28182  (11091307)
        290018.43   3919982.28        4.30644  (11091307)                290068.43
3919982.28        4.32682  (11091307)
        290118.43   3919982.28        4.34386  (11091307)                290168.43
3919982.28        4.35882  (11091307)
        290218.43   3919982.28        4.37277  (11091307)                290268.43
3919982.28        4.38484  (11091307)
        290318.43   3919982.28        4.39493  (11091307)                290368.43
3919982.28        4.40333  (11091307)
        290418.43   3919982.28        4.40989  (11091307)                290468.43
3919982.28        4.41453  (11091307)
        290518.43   3919982.28        4.41767  (11091307)                290568.43
3919982.28        4.41923  (11091307)
        290618.43   3919982.28        4.41860  (11091307)                289068.43
3920032.28        4.49030  (08022608)
        289118.43   3920032.28        4.35730  (08022608)                289168.43
3920032.28        4.21118  (08022608)
        289218.43   3920032.28        4.14013  (09091107)                289268.43
3920032.28        4.15082  (09091107)
        289318.43   3920032.28        4.15828  (09091107)                289368.43
3920032.28        4.16226  (09091107)
        289418.43   3920032.28        4.16267  (09091107)                289468.43
3920032.28        4.15953  (09091107)
        289518.43   3920032.28        4.16994  (11091307)                289568.43
3920032.28        4.19946  (11091307)
        289618.43   3920032.28        4.22739  (11091307)                289668.43
3920032.28        4.25372  (11091307)
        289718.43   3920032.28        4.27843  (11091307)                289768.43
3920032.28        4.30156  (11091307)
        289818.43   3920032.28        4.32325  (11091307)                289868.43
3920032.28        4.34422  (11091307)
        289918.43   3920032.28        4.36510  (11091307)                289968.43
3920032.28        4.38565  (11091307)
        290018.43   3920032.28        4.40321  (11091307)                290068.43
```

        290418.43   3920032.28        4.45361  (11091307)                290468.43
3920032.28        4.45118  (11091307)
        290518.43   3920032.28        4.44728  (11091307)                290568.43
3920032.28        4.44171  (11091307)
        290618.43   3920032.28        4.43460  (11091307)                289068.43
3920082.28        4.43655  (08022608)
        289118.43   3920082.28        4.29269  (08022608)                289168.43
3920082.28        4.18902  (09091107)
        289218.43   3920082.28        4.19329  (09091107)                289268.43
3920082.28        4.19389  (09091107)
        289318.43   3920082.28        4.19106  (09091107)                289368.43
3920082.28        4.21925  (11091307)
        289418.43   3920082.28        4.24824  (11091307)                289468.43

```
3920082.28        4.27594  (11091307)
        289518.43   3920082.28        4.30212  (11091307)                289568.43
3920082.28        4.32667  (11091307)
        289618.43   3920082.28        4.34934  (11091307)                289668.43
3920082.28        4.37034  (11091307)
        289718.43   3920082.28        4.38932  (11091307)                289768.43
3920082.28        4.40651  (11091307)
        289818.43   3920082.28        4.42217  (11091307)                289868.43
3920082.28        4.43755  (11091307)
        289918.43   3920082.28        4.45216  (11091307)                289968.43
3920082.28        4.46502  (11091307)
        290018.43   3920082.28        4.47523  (11091307)                290068.43
3920082.28        4.48254  (11091307)
        290118.43   3920082.28        4.48671  (11091307)                290168.43
3920082.28        4.48872  (11091307)
        290218.43   3920082.28        4.48908  (11091307)                290268.43
3920082.28        4.48753  (11091307)
        290318.43   3920082.28        4.48417  (11091307)                290368.43
3920082.28        4.47882  (11091307)
        290418.43   3920082.28        4.47180  (11091307)                290468.43
3920082.28        4.46300  (11091307)
        290518.43   3920082.28        4.45283  (11091307)                290568.43
3920082.28        4.44083  (11091307)
        290618.43   3920082.28        4.42748  (11091307)                289068.43
3920132.28        4.37523  (08022608)
        289118.43   3920132.28        4.22707  (08022608)                289168.43
3920132.28        4.24237  (11091307)
        289218.43   3920132.28        4.27118  (11091307)                289268.43
3920132.28        4.29892  (11091307)
        289318.43   3920132.28        4.32560  (11091307)                289368.43
3920132.28        4.35102  (11091307)
        289418.43   3920132.28        4.37495  (11091307)                289468.43
3920132.28        4.39720  (11091307)
        289518.43   3920132.28        4.41770  (11091307)                289568.43
3920132.28        4.43609  (11091307)
        289618.43   3920132.28        4.45273  (11091307)                289668.43
3920132.28        4.46757  (11091307)
        289718.43   3920132.28        4.48006  (11091307)                289768.43
3920132.28        4.49005  (11091307)
        289818.43   3920132.28        4.49868  (11091307)                289868.43
3920132.28        4.50702  (11091307)
        289918.43   3920132.28        4.51372  (11091307)                289968.43
3920132.28        4.51876  (11091307)
        290018.43   3920132.28        4.52159  (11091307)                290068.43
3920132.28        4.52180  (11091307)
        290118.43   3920132.28        4.51922  (11091307)                290168.43
3920132.28        4.51474  (11091307)
        290218.43   3920132.28        4.50819  (11091307)                290268.43
3920132.28        4.50005  (11091307)
        290318.43   3920132.28        4.49013  (11091307)                290368.43
```

        289618.43   3920182.28        4.53298  (11091307)                289668.43
3920182.28        4.54056  (11091307)
        289718.43   3920182.28        4.54605  (11091307)                289768.43

3920182.28 4.54942 (11091307)
289818.43 3920182.28 4.55078 (11091307) 289868.43
3920182.28 4.55081 (11091307)
289918.43 3920182.28 4.54940 (11091307) 289968.43
3920182.28 4.54678 (11091307)
290018.43 3920182.28 4.54251 (11091307) 290068.43
3920182.28 4.53581 (11091307)
290118.43 3920182.28 4.52687 (11091307) 290168.43
3920182.28 4.51587 (11091307)
290218.43 3920182.28 4.50299 (11091307) 290268.43
3920182.28 4.48859 (11091307)
290318.43 3920182.28 4.47264 (11091307) 290368.43
3920182.28 4.45518 (11091307)
290418.43 3920182.28 4.43622 (11091307) 290468.43
3920182.28 4.41596 (11091307)
290518.43 3920182.28 4.39426 (11091307) 290568.43
3920182.28 4.37147 (11091307)
290618.43 3920182.28 4.34743 (11091307) 289068.43
3920232.28 4.45463 (11091307)
289118.43 3920232.28 4.47590 (11091307) 289168.43
3920232.28 4.49533 (11091307)
289218.43 3920232.28 4.51297 (11091307) 289268.43
3920232.28 4.52891 (11091307)
289318.43 3920232.28 4.54302 (11091307) 289368.43
3920232.28 4.55528 (11091307)
289418.43 3920232.28 4.56545 (11091307) 289468.43
3920232.28 4.57372 (11091307)
289518.43 3920232.28 4.57992 (11091307) 289568.43
3920232.28 4.58414 (11091307)
289618.43 3920232.28 4.58664 (11091307) 289668.43
3920232.28 4.58664 (11091307)
289718.43 3920232.28 4.58464 (11091307) 289768.43
3920232.28 4.58085 (11091307)
289818.43 3920232.28 4.57504 (11091307) 289868.43
3920232.28 4.56782 (11091307)
289918.43 3920232.28 4.55929 (11091307) 289968.43
3920232.28 4.54979 (11091307)
290018.43 3920232.28 4.53871 (11091307) 290068.43
3920232.28 4.52573 (11091307)
290118.43 3920232.28 4.51068 (11091307) 290168.43
3920232.28 4.49361 (11091307)
290218.43 3920232.28 4.47489 (11091307) 290268.43
3920232.28 4.45481 (11091307)
290318.43 3920232.28 4.43343 (11091307) 290368.43
3920232.28 4.41068 (11091307)
290418.43 3920232.28 4.38691 (11091307) 290468.43
3920232.28 4.36217 (11091307)
290518.43 3920232.28 4.33574 (11091307) 290568.43
3920232.28 4.30830 (11091307)
290618.43 3920232.28 4.28017 (11091307) 289068.43

```
3920282.28        4.56302  (11091307)
        289118.43   3920282.28        4.57732  (11091307)                289168.43
3920282.28        4.58961  (11091307)
        289218.43   3920282.28        4.59992  (11091307)                289268.43
3920282.28        4.60840  (11091307)
        289318.43   3920282.28        4.61511  (11091307)                289368.43
3920282.28        4.61980  (11091307)
        289418.43   3920282.28        4.62254  (11091307)                289468.43
3920282.28        4.62317  (11091307)
        289518.43   3920282.28        4.62183  (11091307)                289568.43
3920282.28        4.61869  (11091307)
        289618.43   3920282.28        4.61340  (11091307)                289668.43
3920282.28        4.60611  (11091307)
        289718.43   3920282.28        4.59718  (11091307)                289768.43
3920282.28        4.58660  (11091307)
        289818.43   3920282.28        4.57411  (11091307)                289868.43
3920282.28        4.56006  (11091307)
        289918.43   3920282.28        4.54524  (11091307)                289968.43
3920282.28        4.52913  (11091307)
        290018.43   3920282.28        4.51195  (11091307)                290068.43
3920282.28        4.49296  (11091307)
        290118.43   3920282.28        4.47208  (11091307)                290168.43
3920282.28        4.44966  (11091307)
        290218.43   3920282.28        4.42577  (11091307)                290268.43
3920282.28        4.40052  (11091307)
        290318.43   3920282.28        4.37437  (11091307)                290368.43
3920282.28        4.34732  (11091307)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***
```

**   CONC OF PM_10    IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 290418.43 | 3920282.28 | 4.31952 | (11091307) | 290468.43 | 3920282.28 | 4.29055 | (11091307) |
| 290518.43 | 3920282.28 | 4.26061 | (11091307) | 290568.43 | 3920282.28 | 4.23031 | (11091307) |
| 290618.43 | 3920282.28 | 4.19972 | (11091307) | 289068.43 | 3920332.28 | 4.64591 | (11091307) |
| 289118.43 | 3920332.28 | 4.65266 | (11091307) | 289168.43 | 3920332.28 | 4.65750 | (11091307) |
| 289218.43 | 3920332.28 | 4.66042 | (11091307) | 289268.43 | 3920332.28 | 4.66145 | (11091307) |
| 289318.43 | 3920332.28 | 4.66056 | (11091307) | 289368.43 | 3920332.28 | 4.65761 | (11091307) |
| 289418.43 | 3920332.28 | 4.65293 | (11091307) | 289468.43 | 3920332.28 | 4.64625 | (11091307) |
| 289518.43 | 3920332.28 | 4.63774 | (11091307) | 289568.43 | 3920332.28 | 4.62724 | (11091307) |
| 289618.43 | 3920332.28 | 4.61502 | (11091307) | 289668.43 | 3920332.28 | 4.60123 | (11091307) |
| 289718.43 | 3920332.28 | 4.58597 | (11091307) | 289768.43 | 3920332.28 | 4.56910 | (11091307) |
| 289818.43 | 3920332.28 | 4.55034 | (11091307) | 289868.43 | 3920332.28 | 4.53009 | (11091307) |
| 289918.43 | 3920332.28 | 4.50876 | (11091307) | 289968.43 | 3920332.28 | 4.48689 | (11091307) |
| 290018.43 | 3920332.28 | 4.46397 | (11091307) | 290068.43 | 3920332.28 | 4.43952 | (11091307) |
| 290118.43 | 3920332.28 | 4.41348 | (11091307) | 290168.43 | 3920332.28 | 4.38625 | (11091307) |
| 290218.43 | 3920332.28 | 4.35787 | (11091307) | 290268.43 | 3920332.28 | 4.32862 | (11091307) |
| 290318.43 | 3920332.28 | 4.29875 | (11091307) | 290368.43 | 3920332.28 | 4.26823 | (11091307) |
| 290418.43 | 3920332.28 | 4.23729 | (11091307) | 290468.43 | 3920332.28 | 4.20580 | (11091307) |
| 290518.43 | 3920332.28 | 4.17432 | (11091307) | 290568.43 | 3920332.28 | 4.14306 | (11091307) |
| 290618.43 | 3920332.28 | 4.11206 | (11091307) | 289068.43 | 3920382.28 | 4.70177 | (11091307) |
| 289118.43 | 3920382.28 | 4.70105 | (11091307) | 289168.43 | 3920382.28 | 4.69822 | (11091307) |
| 289218.43 | 3920382.28 | 4.69391 | (11091307) | 289268.43 | 3920382.28 | 4.68766 | (11091307) |
| 289318.43 | 3920382.28 | 4.67943 | (11091307) | 289368.43 | | | |

```
3920382.28        4.66944  (11091307)
        289418.43   3920382.28        4.65757  (11091307)                289468.43
3920382.28        4.64397  (11091307)
        289518.43   3920382.28        4.62859  (11091307)                289568.43
3920382.28        4.61158  (11091307)
        289618.43   3920382.28        4.59299  (11091307)                289668.43
3920382.28        4.57307  (11091307)
        289718.43   3920382.28        4.55194  (11091307)                289768.43
3920382.28        4.52951  (11091307)
        289818.43   3920382.28        4.50525  (11091307)                289868.43
3920382.28        4.47932  (11091307)
        289918.43   3920382.28        4.45251  (11091307)                289968.43
3920382.28        4.42513  (11091307)
        290018.43   3920382.28        4.39691  (11091307)                290068.43
3920382.28        4.36771  (11091307)
        290118.43   3920382.28        4.33739  (11091307)                290168.43
3920382.28        4.30639  (11091307)
        290218.43   3920382.28        4.27486  (11091307)                290268.43
3920382.28        4.24292  (11091307)
        290318.43   3920382.28        4.21076  (11091307)                290368.43
3920382.28        4.17865  (11091307)
        290418.43   3920382.28        4.14673  (11091307)                290468.43
3920382.28        4.11531  (11091307)
        290518.43   3920382.28        4.08471  (11091307)                290568.43
3920382.28        4.05480  (11091307)
        290618.43   3920382.28        4.02599  (11091307)                289068.43
3920432.28        4.73025  (11091307)
        289118.43   3920432.28        4.72252  (11091307)                289168.43
3920432.28        4.71280  (11091307)
        289218.43   3920432.28        4.70125  (11091307)                289268.43
3920432.28        4.68817  (11091307)
        289318.43   3920432.28        4.67319  (11091307)                289368.43
3920432.28        4.65643  (11091307)
        289418.43   3920432.28        4.63804  (11091307)                289468.43
3920432.28        4.61786  (11091307)
        289518.43   3920432.28        4.59616  (11091307)                289568.43
3920432.28        4.57309  (11091307)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
```

```
                L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC      (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        289618.43   3920432.28        4.54870  (11091307)               289668.43
3920432.28        4.52296  (11091307)
        289718.43   3920432.28        4.49616  (11091307)               289768.43
3920432.28        4.46827  (11091307)
        289818.43   3920432.28        4.43916  (11091307)               289868.43
3920432.28        4.40898  (11091307)
        289918.43   3920432.28        4.37777  (11091307)               289968.43
3920432.28        4.34588  (11091307)
        290018.43   3920432.28        4.31367  (11091307)               290068.43
3920432.28        4.28115  (11091307)
        290118.43   3920432.28        4.24819  (11091307)               290168.43
3920432.28        4.21518  (11091307)
        290218.43   3920432.28        4.18228  (11091307)               290268.43
3920432.28        4.14970  (11091307)
        290318.43   3920432.28        4.11769  (11091307)               290368.43
3920432.28        4.08648  (11091307)
        290418.43   3920432.28        4.05639  (11091307)               290468.43
3920432.28        4.02764  (11091307)
        290518.43   3920432.28        4.00044  (11091307)               290568.43
3920432.28        3.97486  (11091307)
        290618.43   3920432.28        3.95119  (11091307)               289068.43
3920482.28        4.73293  (11091307)
        289118.43   3920482.28        4.71836  (11091307)               289168.43
3920482.28        4.70206  (11091307)
        289218.43   3920482.28        4.68399  (11091307)               289268.43
3920482.28        4.66433  (11091307)
        289318.43   3920482.28        4.64310  (11091307)               289368.43
3920482.28        4.62001  (11091307)
        289418.43   3920482.28        4.59546  (11091307)               289468.43
3920482.28        4.56928  (11091307)
        289518.43   3920482.28        4.54195  (11091307)               289568.43
3920482.28        4.51333  (11091307)
        289618.43   3920482.28        4.48383  (11091307)               289668.43
```

```
3920482.28        4.45303  (11091307)
        289718.43   3920482.28        4.42094  (11091307)                289768.43
3920482.28        4.38808  (11091307)
        289818.43   3920482.28        4.35477  (11091307)                289868.43
3920482.28        4.32126  (11091307)
        289918.43   3920482.28        4.28740  (11091307)                289968.43
3920482.28        4.25338  (11091307)
        290018.43   3920482.28        4.21937  (11091307)                290068.43
3920482.28        4.18561  (11091307)
        290118.43   3920482.28        4.15233  (11091307)                290168.43
3920482.28        4.11986  (11091307)
        290218.43   3920482.28        4.08830  (11091307)                290268.43
3920482.28        4.05793  (11091307)
        290318.43   3920482.28        4.02902  (11091307)                290368.43
3920482.28        4.00182  (11091307)
        290418.43   3920482.28        3.97657  (11091307)                290468.43
3920482.28        3.95343  (11091307)
        290518.43   3920482.28        3.93251  (11091307)                290568.43
3920482.28        3.91397  (11091307)
        290618.43   3920482.28        3.89789  (11091307)                289068.43
3920532.28        4.71099  (11091307)
        289118.43   3920532.28        4.69002  (11091307)                289168.43
3920532.28        4.66752  (11091307)
        289218.43   3920532.28        4.64337  (11091307)                289268.43
3920532.28        4.61755  (11091307)
        289318.43   3920532.28        4.59037  (11091307)                289368.43
3920532.28        4.56153  (11091307)
        289418.43   3920532.28        4.53141  (11091307)                289468.43
3920532.28        4.49999  (11091307)
        289518.43   3920532.28        4.46748  (11091307)                289568.43
3920532.28        4.43413  (11091307)
        289618.43   3920532.28        4.40014  (11091307)                289668.43
3920532.28        4.36567  (11091307)
        289718.43   3920532.28        4.33023  (11091307)                289768.43
3920532.28        4.29427  (11091307)
        289818.43   3920532.28        4.25837  (11091307)                289868.43
3920532.28        4.22321  (11091307)
        289918.43   3920532.28        4.18890  (11091307)                289968.43
3920532.28        4.15504  (11091307)
        290018.43   3920532.28        4.12200  (11091307)                290068.43
3920532.28        4.09001  (11091307)
        290118.43   3920532.28        4.05946  (11091307)                290168.43
3920532.28        4.03062  (11091307)
        290218.43   3920532.28        4.00362  (11091307)                290268.43
3920532.28        3.97870  (11091307)
        290318.43   3920532.28        3.95607  (11091307)                290368.43
3920532.28        3.93589  (11091307)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                 ***
08/15/24
```

*** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC      (YYMMDDHH)
 - - --- - - -

```
3920582.28        4.06132  (11091307)
        290018.43   3920582.28        4.03249  (11091307)                290068.43
3920582.28        4.00568  (11091307)
        290118.43   3920582.28        3.98125  (11091307)                290168.43
3920582.28        3.95932  (11091307)
        290218.43   3920582.28        3.94000  (11091307)                290268.43
3920582.28        3.92343  (11091307)
        290318.43   3920582.28        3.90968  (11091307)                290368.43
3920582.28        3.89877  (11091307)
        290418.43   3920582.28        3.89070  (11091307)                290468.43
3920582.28        3.88532  (11091307)
        290518.43   3920582.28        3.88253  (11091307)                290568.43
3920582.28        3.88223  (11091307)
        290618.43   3920582.28        3.88417  (11091307)                289068.43
3920632.28        4.59888  (11091307)
        289118.43   3920632.28        4.56645  (11091307)                289168.43
3920632.28        4.53277  (11091307)
        289218.43   3920632.28        4.49761  (11091307)                289268.43
3920632.28        4.46130  (11091307)
        289318.43   3920632.28        4.42437  (11091307)                289368.43
3920632.28        4.38675  (11091307)
        289418.43   3920632.28        4.34861  (11091307)                289468.43
3920632.28        4.31017  (11091307)
        289518.43   3920632.28        4.27205  (11091307)                289568.43
3920632.28        4.23440  (11091307)
        289618.43   3920632.28        4.19745  (11091307)                289668.43
3920632.28        4.16152  (11091307)
        289718.43   3920632.28        4.12713  (11091307)                289768.43
3920632.28        4.09460  (11091307)
        289818.43   3920632.28        4.06366  (11091307)                289868.43
3920632.28        4.03490  (11091307)
        289918.43   3920632.28        4.00851  (11091307)                289968.43
3920632.28        3.98468  (11091307)
        290018.43   3920632.28        3.96344  (11091307)                290068.43
3920632.28        3.94505  (11091307)
        290118.43   3920632.28        3.92966  (11091307)                290168.43
3920632.28        3.91724  (11091307)
        290218.43   3920632.28        3.90780  (11091307)                290268.43
3920632.28        3.90136  (11091307)
        290318.43   3920632.28        3.89777  (11091307)                290368.43
3920632.28        3.89690  (11091307)
        290418.43   3920632.28        3.89854  (11091307)                290468.43
3920632.28        3.90242  (11091307)
        290518.43   3920632.28        3.90828  (11091307)                290568.43
3920632.28        3.91588  (11091307)
        290618.43   3920632.28        3.92487  (11091307)                289068.43
3920682.28        4.51121  (11091307)
        289118.43   3920682.28        4.47410  (11091307)                289168.43
3920682.28        4.43585  (11091307)
        289218.43   3920682.28        4.39698  (11091307)                289268.43
```

```
3920682.28        3.91664  (11091307)
        290318.43   3920682.28        3.92254  (11091307)                290368.43
3920682.28        3.93042  (11091307)
        290418.43   3920682.28        3.93992  (11091307)                290468.43
3920682.28        3.95069  (11091307)
        290518.43   3920682.28        3.96233  (11091307)                290568.43
3920682.28        3.97453  (11091307)
        290618.43   3920682.28        3.98697  (11091307)                289068.43
3920732.28        4.40614  (11091307)
        289118.43   3920732.28        4.36602  (11091307)                289168.43
3920732.28        4.32565  (11091307)
        289218.43   3920732.28        4.28552  (11091307)                289268.43
3920732.28        4.24588  (11091307)
        289318.43   3920732.28        4.20725  (11091307)                289368.43
3920732.28        4.17006  (11091307)
        289418.43   3920732.28        4.13467  (11091307)                289468.43
3920732.28        4.10129  (11091307)
        289518.43   3920732.28        4.07032  (11091307)                289568.43
3920732.28        4.04199  (11091307)
        289618.43   3920732.28        4.01656  (11091307)                289668.43
3920732.28        3.99425  (11091307)
        289718.43   3920732.28        3.97514  (11091307)                289768.43
3920732.28        3.95928  (11091307)
        289818.43   3920732.28        3.94685  (11091307)                289868.43
3920732.28        3.93769  (11091307)
        289918.43   3920732.28        3.93177  (11091307)                289968.43
3920732.28        3.92890  (11091307)
        290018.43   3920732.28        3.92906  (11091307)                290068.43
3920732.28        3.93206  (11091307)
        290118.43   3920732.28        3.93758  (11091307)                290168.43
3920732.28        3.94527  (11091307)
        290218.43   3920732.28        3.95497  (11091307)                290268.43
3920732.28        3.96622  (11091307)
        290318.43   3920732.28        3.97870  (11091307)                290368.43
3920732.28        3.99195  (11091307)
        290418.43   3920732.28        4.00559  (11091307)                290468.43
3920732.28        4.01910  (11091307)
        290518.43   3920732.28        4.03216  (11091307)                290568.43
3920732.28        4.04443  (11091307)
        290618.43   3920732.28        4.05560  (11091307)                289068.43
3920782.28        4.29093  (11091307)
        289118.43   3920782.28        4.25102  (11091307)                289168.43
3920782.28        4.21203  (11091307)
        289218.43   3920782.28        4.17454  (11091307)                289268.43
3920782.28        4.13888  (11091307)
        289318.43   3920782.28        4.10545  (11091307)                289368.43
3920782.28        4.07460  (11091307)
        289418.43   3920782.28        4.04674  (11091307)                289468.43
3920782.28        4.02210  (11091307)
        289518.43   3920782.28        4.00069  (11091307)                289568.43
```

```
3920782.28        3.98275  (11091307)
        289618.43   3920782.28        3.96848  (11091307)                289668.43
3920782.28        3.95777  (11091307)
        289718.43   3920782.28        3.95048  (11091307)                289768.43
3920782.28        3.94665  (11091307)
        289818.43   3920782.28        3.94607  (11091307)                289868.43
3920782.28        3.94853  (11091307)
        289918.43   3920782.28        3.95368  (11091307)                289968.43
3920782.28        3.96133  (11091307)
        290018.43   3920782.28        3.97116  (11091307)                290068.43
3920782.28        3.98279  (11091307)
        290118.43   3920782.28        3.99578  (11091307)                290168.43
3920782.28        4.00972  (11091307)
        290218.43   3920782.28        4.02424  (11091307)                290268.43
3920782.28        4.03893  (11091307)
        290318.43   3920782.28        4.05342  (11091307)                290368.43
3920782.28        4.06719  (11091307)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC               ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                 L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                 L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                 L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC      (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        290418.43   3920782.28        4.07988  (11091307)                290468.43
3920782.28        4.09111  (11091307)
        290518.43   3920782.28        4.10057  (11091307)                290568.43
```

```
3920782.28        4.10807  (11091307)
        290618.43   3920782.28        4.11331  (11091307)                289068.43
3920832.28        4.17863  (11091307)
        289118.43   3920832.28        4.14317  (11091307)                289168.43
3920832.28        4.11013  (11091307)
        289218.43   3920832.28        4.07993  (11091307)                289268.43
3920832.28        4.05276  (11091307)
        289318.43   3920832.28        4.02895  (11091307)                289368.43
3920832.28        4.00882  (11091307)
        289418.43   3920832.28        3.99248  (11091307)                289468.43
3920832.28        3.97978  (11091307)
        289518.43   3920832.28        3.97083  (11091307)                289568.43
3920832.28        3.96549  (11091307)
        289618.43   3920832.28        3.96385  (11091307)                289668.43
3920832.28        3.96562  (11091307)
        289718.43   3920832.28        3.97035  (11091307)                289768.43
3920832.28        3.97789  (11091307)
        289818.43   3920832.28        3.98784  (11091307)                289868.43
3920832.28        3.99984  (11091307)
        289918.43   3920832.28        4.01343  (11091307)                289968.43
3920832.28        4.02826  (11091307)
        290018.43   3920832.28        4.04382  (11091307)                290068.43
3920832.28        4.05965  (11091307)
        290118.43   3920832.28        4.07534  (11091307)                290168.43
3920832.28        4.09042  (11091307)
        290218.43   3920832.28        4.10452  (11091307)                290268.43
3920832.28        4.11728  (11091307)
        290318.43   3920832.28        4.12835  (11091307)                290368.43
3920832.28        4.13735  (11091307)
        290418.43   3920832.28        4.14404  (11091307)                290468.43
3920832.28        4.14821  (11091307)
        290518.43   3920832.28        4.14971  (11091307)                290568.43
3920832.28        4.14851  (11091307)
        290618.43   3920832.28        4.14450  (11091307)                289068.43
3920882.28        4.08621  (11091307)
        289118.43   3920882.28        4.06013  (11091307)                289168.43
3920882.28        4.03762  (11091307)
        289218.43   3920882.28        4.01897  (11091307)                289268.43
3920882.28        4.00413  (11091307)
        289318.43   3920882.28        3.99339  (11091307)                289368.43
3920882.28        3.98670  (11091307)
        289418.43   3920882.28        3.98390  (11091307)                289468.43
3920882.28        3.98457  (11091307)
        289518.43   3920882.28        3.98843  (11091307)                289568.43
3920882.28        3.99547  (11091307)
        289618.43   3920882.28        4.00531  (11091307)                289668.43
3920882.28        4.01752  (11091307)
        289718.43   3920882.28        4.03156  (11091307)                289768.43
3920882.28        4.04714  (11091307)
        289818.43   3920882.28        4.06371  (11091307)                289868.43
```

```
3920882.28        4.08075  (11091307)
        289918.43   3920882.28        4.09777  (11091307)                289968.43
3920882.28        4.11429  (11091307)
        290018.43   3920882.28        4.12990  (11091307)                290068.43
3920882.28        4.14416  (11091307)
        290118.43   3920882.28        4.15669  (11091307)                290168.43
3920882.28        4.16717  (11091307)
        290218.43   3920882.28        4.17532  (11091307)                290268.43
3920882.28        4.18092  (11091307)
        290318.43   3920882.28        4.18372  (11091307)                290368.43
3920882.28        4.18358  (11091307)
        290418.43   3920882.28        4.18043  (11091307)                290468.43
3920882.28        4.17430  (11091307)
        290518.43   3920882.28        4.16528  (11091307)                290568.43
3920882.28        4.15344  (11091307)
        290618.43   3920882.28        4.13893  (11091307)                289068.43
3920932.28        4.03152  (11091307)
        289118.43   3920932.28        4.01874  (11091307)                289168.43
3920932.28        4.01010  (11091307)
        289218.43   3920932.28        4.00556  (11091307)                289268.43
3920932.28        4.00487  (11091307)
        289318.43   3920932.28        4.00794  (11091307)                289368.43
3920932.28        4.01478  (11091307)
        289418.43   3920932.28        4.02468  (11091307)                289468.43
3920932.28        4.03704  (11091307)
        289518.43   3920932.28        4.05133  (11091307)                289568.43
3920932.28        4.06736  (11091307)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
                 L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                 L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                 L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***
```

**   CONC OF PM_10    IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 289618.43 | 3920932.28 | 4.08462 | (11091307) | 289668.43 | 3920932.28 | 4.10254 | (11091307) |
| 289718.43 | 3920932.28 | 4.12072 | (11091307) | 289768.43 | 3920932.28 | 4.13870 | (11091307) |
| 289818.43 | 3920932.28 | 4.15589 | (11091307) | 289868.43 | 3920932.28 | 4.17178 | (11091307) |
| 289918.43 | 3920932.28 | 4.18591 | (11091307) | 289968.43 | 3920932.28 | 4.19795 | (11091307) |
| 290018.43 | 3920932.28 | 4.20756 | (11091307) | 290068.43 | 3920932.28 | 4.21449 | (11091307) |
| 290118.43 | 3920932.28 | 4.21852 | (11091307) | 290168.43 | 3920932.28 | 4.21951 | (11091307) |
| 290218.43 | 3920932.28 | 4.21736 | (11091307) | 290268.43 | 3920932.28 | 4.21206 | (11091307) |
| 290318.43 | 3920932.28 | 4.20365 | (11091307) | 290368.43 | 3920932.28 | 4.19211 | (11091307) |
| 290418.43 | 3920932.28 | 4.17763 | (11091307) | 290468.43 | 3920932.28 | 4.16041 | (11091307) |
| 290518.43 | 3920932.28 | 4.14066 | (11091307) | 290568.43 | 3920932.28 | 4.11867 | (11091307) |
| 290618.43 | 3920932.28 | 4.09460 | (11091307) | 289068.43 | 3920982.28 | 4.02805 | (11091307) |
| 289118.43 | 3920982.28 | 4.03008 | (11091307) | 289168.43 | 3920982.28 | 4.03588 | (11091307) |
| 289218.43 | 3920982.28 | 4.04512 | (11091307) | 289268.43 | 3920982.28 | 4.05725 | (11091307) |
| 289318.43 | 3920982.28 | 4.07200 | (11091307) | 289368.43 | 3920982.28 | 4.08883 | (11091307) |
| 289418.43 | 3920982.28 | 4.10711 | (11091307) | 289468.43 | 3920982.28 | 4.12623 | (11091307) |
| 289518.43 | 3920982.28 | 4.14568 | (11091307) | 289568.43 | 3920982.28 | 4.16483 | (11091307) |
| 289618.43 | 3920982.28 | 4.18318 | (11091307) | 289668.43 | 3920982.28 | 4.20030 | (11091307) |
| 289718.43 | 3920982.28 | 4.21601 | (11091307) | 289768.43 | 3920982.28 | 4.22974 | (11091307) |
| 289818.43 | 3920982.28 | 4.24098 | (11091307) | 289868.43 | 3920982.28 | 4.24939 | (11091307) |
| 289918.43 | 3920982.28 | 4.25476 | (11091307) | 289968.43 | 3920982.28 | 4.25691 | (11091307) |
| 290018.43 | 3920982.28 | 4.25572 | (11091307) | 290068.43 | 3920982.28 | 4.25120 | (11091307) |
| 290118.43 | 3920982.28 | 4.24335 | (11091307) | 290168.43 | | | |

```
3920982.28        4.23223  (11091307)
        290218.43   3920982.28        4.21794  (11091307)                290268.43
3920982.28        4.20067  (11091307)
        290318.43   3920982.28        4.18065  (11091307)                290368.43
3920982.28        4.15814  (11091307)
        290418.43   3920982.28        4.13340  (11091307)                290468.43
3920982.28        4.10675  (11091307)
        290518.43   3920982.28        4.07846  (11091307)                290568.43
3920982.28        4.04877  (11091307)
        290618.43   3920982.28        4.01808  (11091307)                290668.43
3920982.28        3.98651  (11091307)
        289068.43   3921032.28        4.07953  (11091307)                289118.43
3921032.28        4.09437  (11091307)
        289168.43   3921032.28        4.11155  (11091307)                289218.43
3921032.28        4.13050  (11091307)
        289268.43   3921032.28        4.15060  (11091307)                289318.43
3921032.28        4.17128  (11091307)
        289368.43   3921032.28        4.19196  (11091307)                289418.43
3921032.28        4.21202  (11091307)
        289468.43   3921032.28        4.23098  (11091307)                289518.43
3921032.28        4.24829  (11091307)
        289568.43   3921032.28        4.26346  (11091307)                289618.43
3921032.28        4.27595  (11091307)
        289668.43   3921032.28        4.28564  (11091307)                289718.43
3921032.28        4.29241  (11091307)
        289768.43   3921032.28        4.29587  (11091307)                289818.43
3921032.28        4.29580  (11091307)
        289868.43   3921032.28        4.29211  (11091307)                289918.43
3921032.28        4.28484  (11091307)
        289968.43   3921032.28        4.27406  (11091307)                290018.43
3921032.28        4.25990  (11091307)
        290068.43   3921032.28        4.24257  (11091307)                290118.43
3921032.28        4.22228  (11091307)
        290168.43   3921032.28        4.19927  (11091307)                290218.43
3921032.28        4.17383  (11091307)
        290268.43   3921032.28        4.14628  (11091307)                290318.43
3921032.28        4.11698  (11091307)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                ***
08/15/24
 *** AERMET - VERSION  18081 ***   ***
                      ***        14:33:56

                                 PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212
, L0172213    , L0172214   ,   L0172215    ,
```

```
                L0172216    , L0172217    , L0172218    , L0172219    , L0172220
, L0172221    , L0172222   ,   L0172223    ,
                L0172224    , L0172225    , L0172226    , L0172227    , L0172228
, L0172229    , L0172230   ,   L0172231    ,
                L0172232    , L0172233    , L0172234    , L0172235    , L0172236
, L0172237    , L0172238   ,   . . .       ,

                                          ***   DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       **   CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC      (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        290368.43   3921032.28        4.08626  (11091307)               290418.43
3921032.28        4.05443  (11091307)
        290468.43   3921032.28        4.02174  (11091307)               290518.43
3921032.28        3.98844  (11091307)
        290568.43   3921032.28        3.95489  (11091307)               290618.43
3921032.28        3.92123  (11091307)
        290668.43   3921032.28        3.88776  (11091307)               289068.43
3921082.28        4.17652  (11091307)
        289118.43   3921082.28        4.19836  (11091307)               289168.43
3921082.28        4.22035  (11091307)
        289218.43   3921082.28        4.24187  (11091307)               289268.43
3921082.28        4.26236  (11091307)
        289318.43   3921082.28        4.28135  (11091307)               289368.43
3921082.28        4.29821  (11091307)
        289418.43   3921082.28        4.31242  (11091307)               289468.43
3921082.28        4.32371  (11091307)
        289518.43   3921082.28        4.33184  (11091307)               289568.43
3921082.28        4.33665  (11091307)
        289618.43   3921082.28        4.33763  (11091307)               289668.43
3921082.28        4.33476  (11091307)
        289718.43   3921082.28        4.32810  (11091307)               289768.43
3921082.28        4.31780  (11091307)
        289818.43   3921082.28        4.30387  (11091307)               289868.43
3921082.28        4.28646  (11091307)
        289918.43   3921082.28        4.26583  (11091307)               289968.43
3921082.28        4.24227  (11091307)
        290018.43   3921082.28        4.21610  (11091307)               290068.43
3921082.28        4.18766  (11091307)
        290118.43   3921082.28        4.15726  (11091307)               290168.43
3921082.28        4.12526  (11091307)
        290218.43   3921082.28        4.09203  (11091307)               290268.43
3921082.28        4.05795  (11091307)
        290318.43   3921082.28        4.02336  (11091307)               290368.43
```

```
3921082.28        3.98857  (11091307)
        290418.43   3921082.28        3.95380  (11091307)                290468.43
3921082.28        3.91919  (11091307)
        290518.43   3921082.28        3.88495  (11091307)                290568.43
3921082.28        3.85136  (11091307)
        290618.43   3921082.28        3.81822  (11091307)                290668.43
3921082.28        3.78584  (11091307)
        289068.43   3921132.28        4.29610  (11091307)                289118.43
3921132.28        4.31668  (11091307)
        289168.43   3921132.28        4.33511  (11091307)                289218.43
3921132.28        4.35085  (11091307)
        289268.43   3921132.28        4.36353  (11091307)                289318.43
3921132.28        4.37290  (11091307)
        289368.43   3921132.28        4.37877  (11091307)                289418.43
3921132.28        4.38075  (11091307)
        289468.43   3921132.28        4.37870  (11091307)                289518.43
3921132.28        4.37312  (11091307)
        289568.43   3921132.28        4.36356  (11091307)                289618.43
3921132.28        4.35003  (11091307)
        289668.43   3921132.28        4.33240  (11091307)                289718.43
3921132.28        4.31107  (11091307)
        289768.43   3921132.28        4.28692  (11091307)                289818.43
3921132.28        4.26005  (11091307)
        289868.43   3921132.28        4.23070  (11091307)                289918.43
3921132.28        4.19920  (11091307)
        289968.43   3921132.28        4.16601  (11091307)                290018.43
3921132.28        4.13154  (11091307)
        290068.43   3921132.28        4.09612  (11091307)                290118.43
3921132.28        4.06001  (11091307)
        290168.43   3921132.28        4.02356  (11091307)                290218.43
3921132.28        3.98721  (11091307)
        290268.43   3921132.28        3.95122  (11091307)                290318.43
3921132.28        3.91575  (11091307)
        290368.43   3921132.28        3.88098  (11091307)                290418.43
3921132.28        3.84711  (11091307)
        290468.43   3921132.28        3.81412  (11091307)                290518.43
3921132.28        3.78189  (11091307)
        290568.43   3921132.28        3.75055  (11091307)                290618.43
3921132.28        3.71994  (11091307)
        290668.43   3921132.28        3.68997  (11091307)                289068.43
3921182.28        4.40696  (11091307)
        289118.43   3921182.28        4.41788  (11091307)                289168.43
3921182.28        4.42496  (11091307)
        289218.43   3921182.28        4.42788  (11091307)                289268.43
3921182.28        4.42643  (11091307)
        289318.43   3921182.28        4.42079  (11091307)                289368.43
3921182.28        4.41140  (11091307)
  *** AERMOD - VERSION 23132  ***   ***
C:\USERS\APOLL\DESKTOP\HRAS\BUTTONBUSH\AAQA\AAQA.ISC                 ***
08/15/24
```

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL       ***
                                 INCLUDING SOURCE(S):     L0172211    , L0172212 , L0172213    , L0172214   ,   L0172215    ,
                                  L0172216    , L0172217    , L0172218    , L0172219    , L0172220 , L0172221    , L0172222   ,   L0172223    ,
                                  L0172224    , L0172225    , L0172226    , L0172227    , L0172228 , L0172229    , L0172230   ,   L0172231    ,
                                  L0172232    , L0172233    , L0172234    , L0172235    , L0172236 , L0172237    , L0172238   ,   . . .      ,

                                       ***   DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    **   CONC OF PM_10    IN MICROGRAMS/M**3                 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 289418.43 | 3921182.28 | 4.39773 | (11091307) | 289468.43 | 3921182.28 | 4.37989 | (11091307) |
| 289518.43 | 3921182.28 | 4.35883 | (11091307) | 289568.43 | 3921182.28 | 4.33475 | (11091307) |
| 289618.43 | 3921182.28 | 4.30748 | (11091307) | 289668.43 | 3921182.28 | 4.27658 | (11091307) |
| 289718.43 | 3921182.28 | 4.24326 | (11091307) | 289768.43 | 3921182.28 | 4.20829 | (11091307) |
| 289818.43 | 3921182.28 | 4.17205 | (11091307) | 289868.43 | 3921182.28 | 4.13499 | (11091307) |
| 289918.43 | 3921182.28 | 4.09734 | (11091307) | 289968.43 | 3921182.28 | 4.05958 | (11091307) |
| 290018.43 | 3921182.28 | 4.02193 | (11091307) | 290068.43 | 3921182.28 | 3.98474 | (11091307) |
| 290118.43 | 3921182.28 | 3.94794 | (11091307) | 290168.43 | 3921182.28 | 3.91167 | (11091307) |
| 290218.43 | 3921182.28 | 3.87652 | (11091307) | 290268.43 | 3921182.28 | 3.84247 | (11091307) |
| 290318.43 | 3921182.28 | 3.80947 | (11091307) | 290368.43 | 3921182.28 | 3.77754 | (11091307) |
| 290418.43 | 3921182.28 | 3.74664 | (11091307) | 290468.43 | 3921182.28 | 3.71665 | (11091307) |
| 290518.43 | 3921182.28 | 3.68748 | (11091307) | 290568.43 | | | |

```
3921182.28        3.65894  (11091307)
        290618.43   3921182.28        3.63064  (11091307)                290668.43
3921182.28        3.60248  (11091307)
        289068.43   3921232.28        4.47779  (11091307)                289118.43
3921232.28        4.47306  (11091307)
        289168.43   3921232.28        4.46384  (11091307)                289218.43
3921232.28        4.45018  (11091307)
        289268.43   3921232.28        4.43221  (11091307)                289318.43
3921232.28        4.41027  (11091307)
        289368.43   3921232.28        4.38489  (11091307)                289418.43
3921232.28        4.35647  (11091307)
        289468.43   3921232.28        4.32467  (11091307)                289518.43
3921232.28        4.29071  (11091307)
        289568.43   3921232.28        4.25535  (11091307)                289618.43
3921232.28        4.21794  (11091307)
        289668.43   3921232.28        4.17844  (11091307)                289718.43
3921232.28        4.13817  (11091307)
        289768.43   3921232.28        4.09795  (11091307)                289818.43
3921232.28        4.05768  (11091307)
        289868.43   3921232.28        4.01808  (11091307)                289918.43
3921232.28        3.97969  (11091307)
        289968.43   3921232.28        3.94236  (11091307)                290018.43
3921232.28        3.90664  (11091307)
        290068.43   3921232.28        3.87173  (11091307)                290118.43
3921232.28        3.83816  (11091307)
        290168.43   3921232.28        3.80547  (11091307)                290218.43
3921232.28        3.77400  (11091307)
        290268.43   3921232.28        3.74363  (11091307)                290318.43
3921232.28        3.71420  (11091307)
        290368.43   3921232.28        3.68553  (11091307)                290418.43
3921232.28        3.65749  (11091307)
        290468.43   3921232.28        3.62992  (11091307)                290518.43
3921232.28        3.60268  (11091307)
        290568.43   3921232.28        3.57517  (11091307)                290618.43
3921232.28        3.54743  (11091307)
        290668.43   3921232.28        3.51931  (11091307)                289068.43
3921282.28        4.48730  (11091307)
        289118.43   3921282.28        4.46510  (11091307)                289168.43
3921282.28        4.43902  (11091307)
        289218.43   3921282.28        4.40950  (11091307)                289268.43
3921282.28        4.37677  (11091307)
        289318.43   3921282.28        4.34132  (11091307)                289368.43
3921282.28        4.30369  (11091307)
        289418.43   3921282.28        4.26447  (11091307)                289468.43
3921282.28        4.22385  (11091307)
        289518.43   3921282.28        4.18252  (11091307)                289568.43
3921282.28        4.14127  (11091307)
        289618.43   3921282.28        4.09988  (11091307)                289668.43
3921282.28        4.05782  (11091307)
        289718.43   3921282.28        4.01644  (11091307)                289768.43
```

```
3930948.16        4.51917  (08022608)
        277197.07   3934369.75        3.63213  (11022408)                278211.19
3934459.88        5.20735  (09121109)
        278462.55   3934455.53        4.48354  (09121109)                279439.59
3934432.79        4.08856  (07111308)
        279499.10   3934425.47        4.09960  (07111308)                279717.00
3934532.58        3.77015  (07111308)
        279787.50   3934452.93        3.99422  (07111308)                279767.35
3934438.28        4.02515  (07111308)
        279803.98   3934534.42        3.77303  (07111308)                279703.27
3934467.58        3.97033  (07111308)
        279959.62   3934349.48        4.01117  (07111308)                279070.30
3929610.02        2.54838  (09111108)
        281930.76   3929546.70        3.35809  (10123109)                278554.75
3927380.33        4.61612  (08022608)
        279013.65   3927234.65        4.07748  (08022608)                278705.29
3927244.36        4.54415  (08022608)
        278562.03   3926445.55        4.26189  (08022608)                278712.98
3925869.67        4.00475  (08022608)
        278400.64   3925608.72        3.28127  (09121109)                271067.80
3926037.20        3.01024  (11122809)
        271395.65   3924492.11        3.94229  (08091607)                274067.62
3923356.92        5.31490  (08022608)
        274170.39   3923360.81        5.79671  (08022608)                275491.34
3924124.70        3.62465  (11122809)
        275777.37   3924326.49        3.67075  (11122809)                274592.71
3925325.13        3.55777  (08091607)
        276220.64   3928163.54        4.10658  (11022408)                275219.94
3922052.28        6.66449  (08022608)
        275270.32   3921833.33        6.43596  (08022608)                277670.57
3919962.13        4.67269  (08022608)
        277749.03   3919860.95        4.65869  (08022608)                277676.77
3919255.97        4.86663  (08022608)
        277668.51   3919214.67        4.90909  (08022608)                277674.70
3919183.70        4.91645  (08022608)
        277672.64   3919163.05        4.92960  (08022608)                277666.44
3919134.15        4.94889  (08022608)
        279687.88   3919922.90        4.98167  (08022608)                280183.43
3920697.19        4.84665  (08022608)
        280769.25   3923564.93        4.02865  (08022608)                281572.49
3923239.09        4.01897  (09091807)
        281822.55   3923557.35        4.00017  (09091807)                285142.52
3930154.18        7.76592  (11022408)
        285957.08   3930237.07        3.98127  (11022408)                285974.23
3928742.27        6.07487  (11022408)
        288363.62   3928593.65        4.49805  (07030208)                289352.53
3926975.95        3.72821  (07111308)
        288289.31   3926561.53        3.79893  (07111308)                288275.02
3925392.55        3.60563  (09121109)
        287017.44   3924475.10        3.90091  (08022608)                286251.47
```

*** THE SUMMARY OF MAXIMUM PERIOD ( 43824 HRS) RESULTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| GROUP ID | NETWORK AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | OF TYPE | GRID-ID |
|---|---|---|---|---|
| ALL | 1ST HIGHEST VALUE IS | 0.37305 AT ( 286251.47, 3923926.34, 90.82, 90.82, 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 0.36963 AT ( 285482.62, 3927687.92, 95.61, 95.61, 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 0.35587 AT ( 285974.23, 3928742.27, 95.81, 95.81, 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 0.33438 AT ( 280183.43, 3920697.19, 90.75, 90.75, 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 0.31133 AT ( 277670.57, 3919962.13, 84.94, 84.94, 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 0.29844 AT ( 284280.30, 3922298.47, 88.60, 88.60, 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 0.29842 AT ( 277749.03, 3919860.95, 84.98, 84.98, 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 0.29555 AT ( 284336.45, 3923354.77, 88.56, 88.56, 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 0.29069 AT ( 276516.35, 3920602.21, 83.09, 83.09, 0.00) | DC | |

```
 --------- Summary of Total Messages --------

A Total of          0    Fatal Error Message(s)
A Total of          1    Warning Message(s)
A Total of       8383    Informational Message(s)

A Total of      43824    Hours Were Processed

A Total of       8383    Calm Hours Identified

A Total of          0    Missing Hours Identified (  0.00 Percent)


   ******** FATAL ERROR MESSAGES ********
             ***   NONE  ***


   ********   WARNING MESSAGES   ********
ME W187    1990       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

HARP Project Summary Report 7/25/2025 2:36:58 PM

***PROJECT INFORMATION***
HARP Version: 22118
Project Name: BB HRA
Project Output Directory: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush
HARP Database: NA

***FACILITY INFORMATION***
Origin
X (m):0
Y (m):0
Zone:1
No. of Sources:0
No. of Buildings:0

***EMISSION INVENTORY***
No. of Pollutants:1
No. of Background Pollutants:0

Emissions

| ScrID | StkID | ProID | PolID | PolAbbrev | Multi | Annual Ems (lbs/yr) | MaxHr Ems (lbs/hr) | MWAF |
|---|---|---|---|---|---|---|---|---|
| ALL | 0 | 0 | 9901 | DieselExhPM | 1 | 813.65 | 0.39118 | 1 |

Background

| PolID | PolAbbrev | Conc (ug/m^3) | MWAF |
|---|---|---|---|

Ground level concentration files (\glc\)

9901MAXHR.txt
9901PER.txt

***POLLUTANT HEALTH INFORMATION***
Health Database: C:\HARP2\Tables\HEALTH17320.mdb
Health Table Version: HEALTH25003
Official: True

| PolID | PolAbbrev | InhCancer | OralCancer | AcuteREL | InhChronicREL | OralChronicREL | InhChronic8HRREL |
|---|---|---|---|---|---|---|---|
| 9901 | DieselExhPM | 1.1 | | | | | 5 |

***AIR DISPERSION MODELING INFORMATION***
Versions used in HARP.  All executables were obtained from USEPA's Support Center for Regulatory Atmospheric Modeling website (http://www.epa.gov/scram001/)
AERMOD: 18081
AERMAP: 18081
BPIPPRM: 04274
AERPLOT: 13329

***METEOROLOGICAL INFORMATION***
Version:
Surface File:
Profile File:
Surface Station:
Upper Station:
On-Site Station:

***LIST OF AIR DISPERSION FILES***
AERMOD Input File:
AERMOD Output File:
AERMOD Error File:
Plotfile list

---

***LIST OF RISK ASSESSMENT FILES***
Health risk analysis files (\hra\)

---

Residential MitigatedCancerRisk.csv
Residential MitigatedCancerRiskSumByRec.csv
Residential MitigatedCancerRiskSumByRec.pdf
Residential MitigatedGLCList.csv
Residential MitigatedHRAInput.hra
Residential MitigatedNCAcuteRisk.csv
Residential MitigatedNCAcuteRiskSumByRec.csv
Residential MitigatedNCChronicRisk.csv
Residential MitigatedNCChronicRiskSumByRec.csv
Residential MitigatedNCChronicRiskSumByRec.pdf
Residential MitigatedOutput.txt
Residential MitigatedPathwayRec.csv
Residential MitigatedPolDB.csv
ResidentialCancerRisk.csv
ResidentialCancerRiskSumByRec.csv
ResidentialCancerRiskSumByRec.pdf
ResidentialGLCList.csv
ResidentialHRAInput.hra
ResidentialNCAcuteRisk.csv
ResidentialNCAcuteRiskSumByRec.csv
ResidentialNCChronicRisk.csv
ResidentialNCChronicRiskSumByRec.csv

ResidentialNCChronicRiskSumByRec.pdf
ResidentialOutput.txt
ResidentialPathwayRec.csv
ResidentialPolDB.csv

Spatial averaging files (\sa\)

HARP2 - HRACalc (dated 22118) 7/25/2025 2:36:44 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

**********
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 5

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 3
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

**********
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

**********
INHALATION

Daily breathing rate: LongTerm24HR

**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

**********
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

**********
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment.  Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush\hra\ResidentialCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush\hra\ResidentialCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush\hra\ResidentialNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush\hra\ResidentialNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush\hra\ResidentialNCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush\hra\ResidentialNCAcuteRiskSumByRec.csv
HRA ran successfully

| REC | GRP | NETID | X | Y | RISK_SUM | SCENARIO | INH_RISK | SOIL_RISK | DERMAL_R | MMILK_RIS | WATER_RIS | FISH_RISK | CROP_RISK | BEEF_RISK | DAIRY_RISK | PIG_RISK | CHICKEN_I | EGG_RISK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ALL | | 275884.3 | 3920211 | 8.20E-07 | 5YrCancer[ | 8.20E-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 |
| 2 | ALL | | 275904.3 | 3920211 | 8.27E-07 | 5YrCancer[ | 8.27E-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 |
| 3 | ALL | | 275924.3 | 3920211 | 8.34E-07 | 5YrCancer[ | 8.34E-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 |
| 4 | ALL | | 275944.3 | 3920211 | 8.40E-07 | 5YrCancer[ | 8.40E-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 |
| 5 | ALL | | 275964.3 | 3920211 | 8.48E-07 | 5YrCancer[ | 8.48E-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 |
| 6 | ALL | | 275984.3 | 3920211 | 8.55E-07 | 5YrCancer[ | 8.55E-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 |
| 7 | ALL | | 276004.3 | 3920211 | 8.62E-07 | 5YrCancer[ | 8.62E-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 |
| 8 | ALL | | 276024.3 | 3920211 | 8.70E-07 | 5YrCancer[ | 8.70E-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 |
| 9 | ALL | | 276044.3 | 3920211 | 8.77E-07 | 5YrCancer[ | 8.77E-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 |
| 10 | ALL | | 276064.3 | 3920211 | 8.85E-07 | 5YrCancer[ | 8.85E-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 |
| 11 | ALL | | 276084.3 | 3920211 | 8.93E-07 | 5YrCancer[ | 8.93E-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 |
| 12 | ALL | | 276104.3 | 3920211 | 9.01E-07 | 5YrCancer[ | 9.01E-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 |
| 13 | ALL | | 276124.3 | 3920211 | 9.09E-07 | 5YrCancer[ | 9.09E-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 |
| 14 | ALL | | 276144.3 | 3920211 | 9.18E-07 | 5YrCancer[ | 9.18E-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 |
| 15 | ALL | | 276164.3 | 3920211 | 9.26E-07 | 5YrCancer[ | 9.26E-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 |
| 16 | ALL | | 276184.3 | 3920211 | 9.36E-07 | 5YrCancer[ | 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 |
| 17 | ALL | | 276204.3 | 3920211 | 9.45E-07 | 5YrCancer[ | 9.45E-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 |
| 18 | ALL | | 275324.3 | 3920231 | 6.80E-07 | 5YrCancer[ | 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 |
| 19 | ALL | | 275344.3 | 3920231 | 6.85E-07 | 5YrCancer[ | 6.85E-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 |
| 20 | ALL | | 275364.3 | 3920231 | 6.89E-07 | 5YrCancer[ | 6.89E-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 |
| 21 | ALL | | 275384.3 | 3920231 | 6.93E-07 | 5YrCancer[ | 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 |
| 22 | ALL | | 275404.3 | 3920231 | 6.97E-07 | 5YrCancer[ | 6.97E-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 |
| 23 | ALL | | 275424.3 | 3920231 | 7.02E-07 | 5YrCancer[ | 7.02E-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 |
| 24 | ALL | | 275444.3 | 3920231 | 7.06E-07 | 5YrCancer[ | 7.06E-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 |
| 25 | ALL | | 275464.3 | 3920231 | 7.10E-07 | 5YrCancer[ | 7.10E-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 |
| 26 | ALL | | 275484.3 | 3920231 | 7.15E-07 | 5YrCancer[ | 7.15E-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 |
| 27 | ALL | | 275504.3 | 3920231 | 7.19E-07 | 5YrCancer[ | 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 |
| 28 | ALL | | 275524.3 | 3920231 | 7.24E-07 | 5YrCancer[ | 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 |
| 29 | ALL | | 275544.3 | 3920231 | 7.29E-07 | 5YrCancer[ | 7.29E-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 |
| 30 | ALL | | 275564.3 | 3920231 | 7.34E-07 | 5YrCancer[ | 7.34E-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 |
| 31 | ALL | | 275584.3 | 3920231 | 7.38E-07 | 5YrCancer[ | 7.38E-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 |
| 32 | ALL | | 275604.3 | 3920231 | 7.43E-07 | 5YrCancer[ | 7.43E-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 |
| 33 | ALL | | 275624.3 | 3920231 | 7.48E-07 | 5YrCancer[ | 7.48E-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 |
| 34 | ALL | | 275644.3 | 3920231 | 7.54E-07 | 5YrCancer[ | 7.54E-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 |
| 35 | ALL | | 275664.3 | 3920231 | 7.59E-07 | 5YrCancer[ | 7.59E-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 |
| 36 | ALL | | 275684.3 | 3920231 | 7.64E-07 | 5YrCancer[ | 7.64E-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 |
| 37 | ALL | | 275704.3 | 3920231 | 7.70E-07 | 5YrCancer[ | 7.70E-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 |
| 38 | ALL | | 275724.3 | 3920231 | 7.76E-07 | 5YrCancer[ | 7.76E-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 |
| 39 | ALL | | 275744.3 | 3920231 | 7.81E-07 | 5YrCancer[ | 7.81E-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 |
| 40 | ALL | | 275764.3 | 3920231 | 7.87E-07 | 5YrCancer[ | 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 |
| 41 | ALL | | 275784.3 | 3920231 | 7.93E-07 | 5YrCancer[ | 7.93E-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 |
| 42 | ALL | | 275804.3 | 3920231 | 8.00E-07 | 5YrCancer[ | 8.00E-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 |
| 43 | ALL | | 275824.3 | 3920231 | 8.06E-07 | 5YrCancer[ | 8.06E-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 | | 275844.3 | 3920231 | 8.12E-07 | 5YrCancer[ | 8.12E-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 |
| 45 | ALL | | 275864.3 | 3920231 | 8.19E-07 | 5YrCancer[ | 8.19E-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 |
| 46 | ALL | | 275884.3 | 3920231 | 8.26E-07 | 5YrCancer[ | 8.26E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 47 | ALL | 275904.3 | 3920231 | 8.33E-07 | 5YrCancerI | 8.33E-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 |
| 48 | ALL | 275924.3 | 3920231 | 8.39E-07 | 5YrCancerI | 8.39E-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 |
| 49 | ALL | 275944.3 | 3920231 | 8.47E-07 | 5YrCancerI | 8.47E-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 |
| 50 | ALL | 275964.3 | 3920231 | 8.54E-07 | 5YrCancerI | 8.54E-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 |
| 51 | ALL | 275984.3 | 3920231 | 8.61E-07 | 5YrCancerI | 8.61E-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 |
| 52 | ALL | 276004.3 | 3920231 | 8.69E-07 | 5YrCancerI | 8.69E-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 |
| 53 | ALL | 276024.3 | 3920231 | 8.76E-07 | 5YrCancerI | 8.76E-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 |
| 54 | ALL | 276044.3 | 3920231 | 8.84E-07 | 5YrCancerI | 8.84E-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 |
| 55 | ALL | 276064.3 | 3920231 | 8.92E-07 | 5YrCancerI | 8.92E-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 |
| 56 | ALL | 276084.3 | 3920231 | 9.00E-07 | 5YrCancerI | 9.00E-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 |
| 57 | ALL | 276104.3 | 3920231 | 9.08E-07 | 5YrCancerI | 9.08E-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 |
| 58 | ALL | 276124.3 | 3920231 | 9.17E-07 | 5YrCancerI | 9.17E-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 |
| 59 | ALL | 276144.3 | 3920231 | 9.25E-07 | 5YrCancerI | 9.25E-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 |
| 60 | ALL | 276164.3 | 3920231 | 9.34E-07 | 5YrCancerI | 9.34E-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 |
| 61 | ALL | 276184.3 | 3920231 | 9.44E-07 | 5YrCancerI | 9.44E-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 |
| 62 | ALL | 276204.3 | 3920231 | 9.54E-07 | 5YrCancerI | 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 |
| 63 | ALL | 276224.3 | 3920231 | 9.64E-07 | 5YrCancerI | 9.64E-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 |
| 64 | ALL | 276244.3 | 3920231 | 9.74E-07 | 5YrCancerI | 9.74E-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 |
| 65 | ALL | 276264.3 | 3920231 | 9.84E-07 | 5YrCancerI | 9.84E-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 |
| 66 | ALL | 276284.3 | 3920231 | 9.94E-07 | 5YrCancerI | 9.94E-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 |
| 67 | ALL | 276304.3 | 3920231 | 1.00E-06 | 5YrCancerI | 1.00E-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 |
| 68 | ALL | 276324.3 | 3920231 | 1.02E-06 | 5YrCancerI | 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 |
| 69 | ALL | 276344.3 | 3920231 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 70 | ALL | 276364.3 | 3920231 | 1.04E-06 | 5YrCancerI | 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 |
| 71 | ALL | 276384.3 | 3920231 | 1.05E-06 | 5YrCancerI | 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 |
| 72 | ALL | 276404.3 | 3920231 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 73 | ALL | 276424.3 | 3920231 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 74 | ALL | 276444.3 | 3920231 | 1.09E-06 | 5YrCancerI | 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 |
| 75 | ALL | 276464.3 | 3920231 | 1.10E-06 | 5YrCancerI | 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 |
| 76 | ALL | 276484.3 | 3920231 | 1.12E-06 | 5YrCancerI | 1.12E-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 | 275324.3 | 3920251 | 6.84E-07 | 5YrCancerI | 6.84E-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 |
| 78 | ALL | 275344.3 | 3920251 | 6.88E-07 | 5YrCancerI | 6.88E-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 |
| 79 | ALL | 275364.3 | 3920251 | 6.93E-07 | 5YrCancerI | 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 |
| 80 | ALL | 275384.3 | 3920251 | 6.97E-07 | 5YrCancerI | 6.97E-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 |
| 81 | ALL | 275404.3 | 3920251 | 7.01E-07 | 5YrCancerI | 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 |
| 82 | ALL | 275424.3 | 3920251 | 7.06E-07 | 5YrCancerI | 7.06E-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 |
| 83 | ALL | 275444.3 | 3920251 | 7.10E-07 | 5YrCancerI | 7.10E-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 |
| 84 | ALL | 275464.3 | 3920251 | 7.14E-07 | 5YrCancerI | 7.14E-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 |
| 85 | ALL | 275484.3 | 3920251 | 7.19E-07 | 5YrCancerI | 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 |
| 86 | ALL | 275504.3 | 3920251 | 7.24E-07 | 5YrCancerI | 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 |
| 87 | ALL | 275524.3 | 3920251 | 7.28E-07 | 5YrCancerI | 7.28E-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 |
| 88 | ALL | 275544.3 | 3920251 | 7.33E-07 | 5YrCancerI | 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 |
| 89 | ALL | 275564.3 | 3920251 | 7.38E-07 | 5YrCancerI | 7.38E-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 |
| 90 | ALL | 275584.3 | 3920251 | 7.43E-07 | 5YrCancerI | 7.43E-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 |
| 91 | ALL | 275604.3 | 3920251 | 7.48E-07 | 5YrCancerI | 7.48E-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 |
| 92 | ALL | 275624.3 | 3920251 | 7.53E-07 | 5YrCancerI | 7.53E-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 |
| 93 | ALL | 275644.3 | 3920251 | 7.58E-07 | 5YrCancerI | 7.58E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 94 | ALL | 275664.3 | 3920251 | 7.64E-07 | 5YrCancerI | 7.64E-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 |
| 95 | ALL | 275684.3 | 3920251 | 7.69E-07 | 5YrCancerI | 7.69E-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 |
| 96 | ALL | 275704.3 | 3920251 | 7.75E-07 | 5YrCancerI | 7.75E-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 |
| 97 | ALL | 275724.3 | 3920251 | 7.81E-07 | 5YrCancerI | 7.81E-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 |
| 98 | ALL | 275744.3 | 3920251 | 7.87E-07 | 5YrCancerI | 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 |
| 99 | ALL | 275764.3 | 3920251 | 7.93E-07 | 5YrCancerI | 7.93E-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 |
| 100 | ALL | 275784.3 | 3920251 | 7.99E-07 | 5YrCancerI | 7.99E-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 |
| 101 | ALL | 275804.3 | 3920251 | 8.05E-07 | 5YrCancerI | 8.05E-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 |
| 102 | ALL | 275824.3 | 3920251 | 8.11E-07 | 5YrCancerI | 8.11E-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 |
| 103 | ALL | 275844.3 | 3920251 | 8.18E-07 | 5YrCancerI | 8.18E-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 |
| 104 | ALL | 275864.3 | 3920251 | 8.25E-07 | 5YrCancerI | 8.25E-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 |
| 105 | ALL | 275884.3 | 3920251 | 8.32E-07 | 5YrCancerI | 8.32E-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 |
| 106 | ALL | 275904.3 | 3920251 | 8.38E-07 | 5YrCancerI | 8.38E-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 |
| 107 | ALL | 275924.3 | 3920251 | 8.46E-07 | 5YrCancerI | 8.46E-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 |
| 108 | ALL | 275944.3 | 3920251 | 8.53E-07 | 5YrCancerI | 8.53E-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 |
| 109 | ALL | 275964.3 | 3920251 | 8.60E-07 | 5YrCancerI | 8.60E-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 |
| 110 | ALL | 275984.3 | 3920251 | 8.68E-07 | 5YrCancerI | 8.68E-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 |
| 111 | ALL | 276004.3 | 3920251 | 8.75E-07 | 5YrCancerI | 8.75E-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 |
| 112 | ALL | 276024.3 | 3920251 | 8.83E-07 | 5YrCancerI | 8.83E-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 |
| 113 | ALL | 276044.3 | 3920251 | 8.91E-07 | 5YrCancerI | 8.91E-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 |
| 114 | ALL | 276064.3 | 3920251 | 8.99E-07 | 5YrCancerI | 8.99E-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 |
| 115 | ALL | 276104.3 | 3920251 | 9.16E-07 | 5YrCancerI | 9.16E-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 |
| 116 | ALL | 276124.3 | 3920251 | 9.24E-07 | 5YrCancerI | 9.24E-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 | 276144.3 | 3920251 | 9.33E-07 | 5YrCancerI | 9.33E-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 |
| 118 | ALL | 276164.3 | 3920251 | 9.42E-07 | 5YrCancerI | 9.42E-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 |
| 119 | ALL | 276184.3 | 3920251 | 9.52E-07 | 5YrCancerI | 9.52E-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 |
| 120 | ALL | 276204.3 | 3920251 | 9.62E-07 | 5YrCancerI | 9.62E-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 |
| 121 | ALL | 276224.3 | 3920251 | 9.72E-07 | 5YrCancerI | 9.72E-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 |
| 122 | ALL | 276244.3 | 3920251 | 9.82E-07 | 5YrCancerI | 9.82E-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 |
| 123 | ALL | 276264.3 | 3920251 | 9.93E-07 | 5YrCancerI | 9.93E-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 |
| 124 | ALL | 276284.3 | 3920251 | 1.00E-06 | 5YrCancerI | 1.00E-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 |
| 125 | ALL | 276304.3 | 3920251 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 126 | ALL | 276324.3 | 3920251 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 127 | ALL | 276344.3 | 3920251 | 1.04E-06 | 5YrCancerI | 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 |
| 128 | ALL | 276364.3 | 3920251 | 1.05E-06 | 5YrCancerI | 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 |
| 129 | ALL | 276384.3 | 3920251 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 130 | ALL | 276404.3 | 3920251 | 1.07E-06 | 5YrCancerI | 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 |
| 131 | ALL | 276424.3 | 3920251 | 1.09E-06 | 5YrCancerI | 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 |
| 132 | ALL | 276444.3 | 3920251 | 1.10E-06 | 5YrCancerI | 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 |
| 133 | ALL | 276464.3 | 3920251 | 1.12E-06 | 5YrCancerI | 1.12E-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 |
| 134 | ALL | 276484.3 | 3920251 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 135 | ALL | 275324.3 | 3920271 | 6.88E-07 | 5YrCancerI | 6.88E-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 |
| 136 | ALL | 275344.3 | 3920271 | 6.92E-07 | 5YrCancerI | 6.92E-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 |
| 137 | ALL | 275364.3 | 3920271 | 6.96E-07 | 5YrCancerI | 6.96E-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 |
| 138 | ALL | 275384.3 | 3920271 | 7.01E-07 | 5YrCancerI | 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 |
| 139 | ALL | 275404.3 | 3920271 | 7.05E-07 | 5YrCancerI | 7.05E-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 |
| 140 | ALL | 275424.3 | 3920271 | 7.10E-07 | 5YrCancerI | 7.10E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 141 | ALL | 275444.3 | 3920271 | 7.14E-07 | 5YrCancerI | 7.14E-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 |
| 142 | ALL | 275464.3 | 3920271 | 7.19E-07 | 5YrCancerI | 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 |
| 143 | ALL | 275484.3 | 3920271 | 7.23E-07 | 5YrCancerI | 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 |
| 144 | ALL | 275504.3 | 3920271 | 7.28E-07 | 5YrCancerI | 7.28E-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 |
| 145 | ALL | 275524.3 | 3920271 | 7.33E-07 | 5YrCancerI | 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 |
| 146 | ALL | 275544.3 | 3920271 | 7.37E-07 | 5YrCancerI | 7.37E-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 |
| 147 | ALL | 275564.3 | 3920271 | 7.42E-07 | 5YrCancerI | 7.42E-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 |
| 148 | ALL | 275584.3 | 3920271 | 7.47E-07 | 5YrCancerI | 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 |
| 149 | ALL | 275604.3 | 3920271 | 7.53E-07 | 5YrCancerI | 7.53E-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 |
| 150 | ALL | 275624.3 | 3920271 | 7.58E-07 | 5YrCancerI | 7.58E-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 |
| 151 | ALL | 275644.3 | 3920271 | 7.63E-07 | 5YrCancerI | 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 |
| 152 | ALL | 275664.3 | 3920271 | 7.69E-07 | 5YrCancerI | 7.69E-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 |
| 153 | ALL | 275684.3 | 3920271 | 7.74E-07 | 5YrCancerI | 7.74E-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 |
| 154 | ALL | 275704.3 | 3920271 | 7.80E-07 | 5YrCancerI | 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 |
| 155 | ALL | 275724.3 | 3920271 | 7.86E-07 | 5YrCancerI | 7.86E-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 |
| 156 | ALL | 275744.3 | 3920271 | 7.92E-07 | 5YrCancerI | 7.92E-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 |
| 157 | ALL | 275764.3 | 3920271 | 7.98E-07 | 5YrCancerI | 7.98E-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 |
| 158 | ALL | 275784.3 | 3920271 | 8.04E-07 | 5YrCancerI | 8.04E-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 |
| 159 | ALL | 275804.3 | 3920271 | 8.10E-07 | 5YrCancerI | 8.10E-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 |
| 160 | ALL | 275824.3 | 3920271 | 8.17E-07 | 5YrCancerI | 8.17E-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 |
| 161 | ALL | 275844.3 | 3920271 | 8.24E-07 | 5YrCancerI | 8.24E-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 |
| 162 | ALL | 275864.3 | 3920271 | 8.30E-07 | 5YrCancerI | 8.30E-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 |
| 163 | ALL | 275884.3 | 3920271 | 8.37E-07 | 5YrCancerI | 8.37E-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 |
| 164 | ALL | 275904.3 | 3920271 | 8.44E-07 | 5YrCancerI | 8.44E-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 |
| 165 | ALL | 275924.3 | 3920271 | 8.52E-07 | 5YrCancerI | 8.52E-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 |
| 166 | ALL | 275944.3 | 3920271 | 8.59E-07 | 5YrCancerI | 8.59E-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 |
| 167 | ALL | 275964.3 | 3920271 | 8.67E-07 | 5YrCancerI | 8.67E-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 |
| 168 | ALL | 275984.3 | 3920271 | 8.74E-07 | 5YrCancerI | 8.74E-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 |
| 169 | ALL | 276004.3 | 3920271 | 8.82E-07 | 5YrCancerI | 8.82E-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 |
| 170 | ALL | 276024.3 | 3920271 | 8.90E-07 | 5YrCancerI | 8.90E-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 |
| 171 | ALL | 276044.3 | 3920271 | 8.98E-07 | 5YrCancerI | 8.98E-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 |
| 172 | ALL | 276064.3 | 3920271 | 9.06E-07 | 5YrCancerI | 9.06E-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 |
| 173 | ALL | 276164.3 | 3920271 | 9.51E-07 | 5YrCancerI | 9.51E-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 |
| 174 | ALL | 276184.3 | 3920271 | 9.61E-07 | 5YrCancerI | 9.61E-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 |
| 175 | ALL | 276204.3 | 3920271 | 9.71E-07 | 5YrCancerI | 9.71E-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 |
| 176 | ALL | 276224.3 | 3920271 | 9.81E-07 | 5YrCancerI | 9.81E-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 |
| 177 | ALL | 276244.3 | 3920271 | 9.92E-07 | 5YrCancerI | 9.92E-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 |
| 178 | ALL | 276264.3 | 3920271 | 1.00E-06 | 5YrCancerI | 1.00E-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 |
| 179 | ALL | 276284.3 | 3920271 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 180 | ALL | 276304.3 | 3920271 | 1.02E-06 | 5YrCancerI | 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 |
| 181 | ALL | 276324.3 | 3920271 | 1.04E-06 | 5YrCancerI | 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 |
| 182 | ALL | 276344.3 | 3920271 | 1.05E-06 | 5YrCancerI | 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 |
| 183 | ALL | 276364.3 | 3920271 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 184 | ALL | 276384.3 | 3920271 | 1.07E-06 | 5YrCancerI | 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 |
| 185 | ALL | 276404.3 | 3920271 | 1.09E-06 | 5YrCancerI | 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 |
| 186 | ALL | 276424.3 | 3920271 | 1.10E-06 | 5YrCancerI | 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 |
| 187 | ALL | 276444.3 | 3920271 | 1.11E-06 | 5YrCancerI | 1.11E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 188 | ALL | 276464.3 | 3920271 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 189 | ALL | 276484.3 | 3920271 | 1.15E-06 | 5YrCancerI | 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 |
| 190 | ALL | 275324.3 | 3920291 | 6.91E-07 | 5YrCancerI | 6.91E-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 |
| 191 | ALL | 275344.3 | 3920291 | 6.96E-07 | 5YrCancerI | 6.96E-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 |
| 192 | ALL | 275364.3 | 3920291 | 7.00E-07 | 5YrCancerI | 7.00E-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 |
| 193 | ALL | 275384.3 | 3920291 | 7.05E-07 | 5YrCancerI | 7.05E-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 |
| 194 | ALL | 275404.3 | 3920291 | 7.09E-07 | 5YrCancerI | 7.09E-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 |
| 195 | ALL | 275424.3 | 3920291 | 7.14E-07 | 5YrCancerI | 7.14E-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 |
| 196 | ALL | 275444.3 | 3920291 | 7.18E-07 | 5YrCancerI | 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 |
| 197 | ALL | 275464.3 | 3920291 | 7.23E-07 | 5YrCancerI | 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 |
| 198 | ALL | 275484.3 | 3920291 | 7.27E-07 | 5YrCancerI | 7.27E-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 |
| 199 | ALL | 275504.3 | 3920291 | 7.32E-07 | 5YrCancerI | 7.32E-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 |
| 200 | ALL | 275524.3 | 3920291 | 7.37E-07 | 5YrCancerI | 7.37E-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 |
| 201 | ALL | 275544.3 | 3920291 | 7.42E-07 | 5YrCancerI | 7.42E-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 |
| 202 | ALL | 275564.3 | 3920291 | 7.47E-07 | 5YrCancerI | 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 |
| 203 | ALL | 275584.3 | 3920291 | 7.52E-07 | 5YrCancerI | 7.52E-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 |
| 204 | ALL | 275604.3 | 3920291 | 7.57E-07 | 5YrCancerI | 7.57E-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 |
| 205 | ALL | 275624.3 | 3920291 | 7.62E-07 | 5YrCancerI | 7.62E-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 |
| 206 | ALL | 275644.3 | 3920291 | 7.68E-07 | 5YrCancerI | 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 |
| 207 | ALL | 275664.3 | 3920291 | 7.73E-07 | 5YrCancerI | 7.73E-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 |
| 208 | ALL | 275684.3 | 3920291 | 7.79E-07 | 5YrCancerI | 7.79E-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 |
| 209 | ALL | 275704.3 | 3920291 | 7.85E-07 | 5YrCancerI | 7.85E-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 |
| 210 | ALL | 275724.3 | 3920291 | 7.91E-07 | 5YrCancerI | 7.91E-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 |
| 211 | ALL | 275744.3 | 3920291 | 7.97E-07 | 5YrCancerI | 7.97E-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 |
| 212 | ALL | 275764.3 | 3920291 | 8.03E-07 | 5YrCancerI | 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 |
| 213 | ALL | 275784.3 | 3920291 | 8.10E-07 | 5YrCancerI | 8.10E-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 |
| 214 | ALL | 275804.3 | 3920291 | 8.16E-07 | 5YrCancerI | 8.16E-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 |
| 215 | ALL | 275824.3 | 3920291 | 8.23E-07 | 5YrCancerI | 8.23E-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 |
| 216 | ALL | 275844.3 | 3920291 | 8.29E-07 | 5YrCancerI | 8.29E-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 |
| 217 | ALL | 275864.3 | 3920291 | 8.36E-07 | 5YrCancerI | 8.36E-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 |
| 218 | ALL | 275884.3 | 3920291 | 8.43E-07 | 5YrCancerI | 8.43E-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 |
| 219 | ALL | 275904.3 | 3920291 | 8.51E-07 | 5YrCancerI | 8.51E-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 |
| 220 | ALL | 275924.3 | 3920291 | 8.58E-07 | 5YrCancerI | 8.58E-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 |
| 221 | ALL | 275944.3 | 3920291 | 8.65E-07 | 5YrCancerI | 8.65E-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 |
| 222 | ALL | 275964.3 | 3920291 | 8.73E-07 | 5YrCancerI | 8.73E-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 |
| 223 | ALL | 275984.3 | 3920291 | 8.81E-07 | 5YrCancerI | 8.81E-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 |
| 224 | ALL | 276004.3 | 3920291 | 8.89E-07 | 5YrCancerI | 8.89E-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 |
| 225 | ALL | 276024.3 | 3920291 | 8.97E-07 | 5YrCancerI | 8.97E-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 |
| 226 | ALL | 276044.3 | 3920291 | 9.05E-07 | 5YrCancerI | 9.05E-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 |
| 227 | ALL | 276164.3 | 3920291 | 9.59E-07 | 5YrCancerI | 9.59E-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 |
| 228 | ALL | 276184.3 | 3920291 | 9.69E-07 | 5YrCancerI | 9.69E-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 |
| 229 | ALL | 276204.3 | 3920291 | 9.80E-07 | 5YrCancerI | 9.80E-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 |
| 230 | ALL | 276224.3 | 3920291 | 9.90E-07 | 5YrCancerI | 9.90E-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 |
| 231 | ALL | 276244.3 | 3920291 | 1.00E-06 | 5YrCancerI | 1.00E-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 |
| 232 | ALL | 276264.3 | 3920291 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 233 | ALL | 276284.3 | 3920291 | 1.02E-06 | 5YrCancerI | 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 |
| 234 | ALL | 276304.3 | 3920291 | 1.04E-06 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 235 | ALL | 276324.3 | 3920291 | 1.05E-06 | 5YrCancerI | 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 |
| 236 | ALL | 276344.3 | 3920291 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 237 | ALL | 276364.3 | 3920291 | 1.07E-06 | 5YrCancerI | 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 |
| 238 | ALL | 276384.3 | 3920291 | 1.09E-06 | 5YrCancerI | 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 |
| 239 | ALL | 276404.3 | 3920291 | 1.10E-06 | 5YrCancerI | 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 |
| 240 | ALL | 276424.3 | 3920291 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 241 | ALL | 276444.3 | 3920291 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 242 | ALL | 276464.3 | 3920291 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 243 | ALL | 276484.3 | 3920291 | 1.16E-06 | 5YrCancerI | 1.16E-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 |
| 244 | ALL | 275324.3 | 3920311 | 6.95E-07 | 5YrCancerI | 6.95E-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 |
| 245 | ALL | 275344.3 | 3920311 | 7.00E-07 | 5YrCancerI | 7.00E-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 |
| 246 | ALL | 275364.3 | 3920311 | 7.04E-07 | 5YrCancerI | 7.04E-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 |
| 247 | ALL | 275384.3 | 3920311 | 7.09E-07 | 5YrCancerI | 7.09E-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 |
| 248 | ALL | 275404.3 | 3920311 | 7.13E-07 | 5YrCancerI | 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 |
| 249 | ALL | 275424.3 | 3920311 | 7.18E-07 | 5YrCancerI | 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 |
| 250 | ALL | 275444.3 | 3920311 | 7.22E-07 | 5YrCancerI | 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 |
| 251 | ALL | 275464.3 | 3920311 | 7.27E-07 | 5YrCancerI | 7.27E-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 |
| 252 | ALL | 275484.3 | 3920311 | 7.32E-07 | 5YrCancerI | 7.32E-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 |
| 253 | ALL | 275504.3 | 3920311 | 7.36E-07 | 5YrCancerI | 7.36E-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 |
| 254 | ALL | 275524.3 | 3920311 | 7.41E-07 | 5YrCancerI | 7.41E-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 |
| 255 | ALL | 275544.3 | 3920311 | 7.46E-07 | 5YrCancerI | 7.46E-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 |
| 256 | ALL | 275564.3 | 3920311 | 7.51E-07 | 5YrCancerI | 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 |
| 257 | ALL | 275584.3 | 3920311 | 7.57E-07 | 5YrCancerI | 7.57E-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 |
| 258 | ALL | 275604.3 | 3920311 | 7.62E-07 | 5YrCancerI | 7.62E-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 |
| 259 | ALL | 275624.3 | 3920311 | 7.67E-07 | 5YrCancerI | 7.67E-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 |
| 260 | ALL | 275644.3 | 3920311 | 7.73E-07 | 5YrCancerI | 7.73E-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 |
| 261 | ALL | 275664.3 | 3920311 | 7.78E-07 | 5YrCancerI | 7.78E-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 |
| 262 | ALL | 275684.3 | 3920311 | 7.84E-07 | 5YrCancerI | 7.84E-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 |
| 263 | ALL | 275704.3 | 3920311 | 7.90E-07 | 5YrCancerI | 7.90E-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 |
| 264 | ALL | 275724.3 | 3920311 | 7.96E-07 | 5YrCancerI | 7.96E-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 |
| 265 | ALL | 275744.3 | 3920311 | 8.02E-07 | 5YrCancerI | 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 |
| 266 | ALL | 275764.3 | 3920311 | 8.09E-07 | 5YrCancerI | 8.09E-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 |
| 267 | ALL | 275784.3 | 3920311 | 8.15E-07 | 5YrCancerI | 8.15E-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 |
| 268 | ALL | 275804.3 | 3920311 | 8.22E-07 | 5YrCancerI | 8.22E-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 |
| 269 | ALL | 275824.3 | 3920311 | 8.28E-07 | 5YrCancerI | 8.28E-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 |
| 270 | ALL | 275844.3 | 3920311 | 8.35E-07 | 5YrCancerI | 8.35E-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 |
| 271 | ALL | 275864.3 | 3920311 | 8.42E-07 | 5YrCancerI | 8.42E-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 |
| 272 | ALL | 275884.3 | 3920311 | 8.49E-07 | 5YrCancerI | 8.49E-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 |
| 273 | ALL | 275904.3 | 3920311 | 8.57E-07 | 5YrCancerI | 8.57E-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 |
| 274 | ALL | 275924.3 | 3920311 | 8.64E-07 | 5YrCancerI | 8.64E-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 |
| 275 | ALL | 275944.3 | 3920311 | 8.72E-07 | 5YrCancerI | 8.72E-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 |
| 276 | ALL | 275964.3 | 3920311 | 8.80E-07 | 5YrCancerI | 8.80E-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 |
| 277 | ALL | 275984.3 | 3920311 | 8.88E-07 | 5YrCancerI | 8.88E-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 |
| 278 | ALL | 276004.3 | 3920311 | 8.96E-07 | 5YrCancerI | 8.96E-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 |
| 279 | ALL | 276024.3 | 3920311 | 9.04E-07 | 5YrCancerI | 9.04E-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 |
| 280 | ALL | 276044.3 | 3920311 | 9.12E-07 | 5YrCancerI | 9.12E-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 |
| 281 | ALL | 276164.3 | 3920311 | 9.68E-07 | 5YrCancerI | 9.68E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 282 | ALL | 276184.3 | 3920311 | 9.78E-07 | 5YrCancerI | 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 |
| 283 | ALL | 276204.3 | 3920311 | 9.89E-07 | 5YrCancerI | 9.89E-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 |
| 284 | ALL | 276224.3 | 3920311 | 1.00E-06 | 5YrCancerI | 1.00E-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 |
| 285 | ALL | 276244.3 | 3920311 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 286 | ALL | 276264.3 | 3920311 | 1.02E-06 | 5YrCancerI | 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 |
| 287 | ALL | 276284.3 | 3920311 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 288 | ALL | 276304.3 | 3920311 | 1.05E-06 | 5YrCancerI | 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 |
| 289 | ALL | 276324.3 | 3920311 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 290 | ALL | 276344.3 | 3920311 | 1.07E-06 | 5YrCancerI | 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 |
| 291 | ALL | 276364.3 | 3920311 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 292 | ALL | 276384.3 | 3920311 | 1.10E-06 | 5YrCancerI | 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 |
| 293 | ALL | 276404.3 | 3920311 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 294 | ALL | 276424.3 | 3920311 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 295 | ALL | 276444.3 | 3920311 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 296 | ALL | 276464.3 | 3920311 | 1.16E-06 | 5YrCancerI | 1.16E-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 |
| 297 | ALL | 276484.3 | 3920311 | 1.18E-06 | 5YrCancerI | 1.18E-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 |
| 298 | ALL | 275144.3 | 3920331 | 6.60E-07 | 5YrCancerI | 6.60E-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 |
| 299 | ALL | 275164.3 | 3920331 | 6.64E-07 | 5YrCancerI | 6.64E-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 |
| 300 | ALL | 275184.3 | 3920331 | 6.69E-07 | 5YrCancerI | 6.69E-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 |
| 301 | ALL | 275204.3 | 3920331 | 6.73E-07 | 5YrCancerI | 6.73E-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 |
| 302 | ALL | 275224.3 | 3920331 | 6.77E-07 | 5YrCancerI | 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 |
| 303 | ALL | 275244.3 | 3920331 | 6.82E-07 | 5YrCancerI | 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 |
| 304 | ALL | 275264.3 | 3920331 | 6.86E-07 | 5YrCancerI | 6.86E-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 |
| 305 | ALL | 275284.3 | 3920331 | 6.90E-07 | 5YrCancerI | 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 |
| 306 | ALL | 275304.3 | 3920331 | 6.95E-07 | 5YrCancerI | 6.95E-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 |
| 307 | ALL | 275324.3 | 3920331 | 6.99E-07 | 5YrCancerI | 6.99E-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 |
| 308 | ALL | 275344.3 | 3920331 | 7.04E-07 | 5YrCancerI | 7.04E-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 |
| 309 | ALL | 275364.3 | 3920331 | 7.08E-07 | 5YrCancerI | 7.08E-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 |
| 310 | ALL | 275384.3 | 3920331 | 7.13E-07 | 5YrCancerI | 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 |
| 311 | ALL | 275404.3 | 3920331 | 7.17E-07 | 5YrCancerI | 7.17E-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 |
| 312 | ALL | 275424.3 | 3920331 | 7.22E-07 | 5YrCancerI | 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 |
| 313 | ALL | 275444.3 | 3920331 | 7.27E-07 | 5YrCancerI | 7.27E-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 |
| 314 | ALL | 275464.3 | 3920331 | 7.31E-07 | 5YrCancerI | 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 |
| 315 | ALL | 275484.3 | 3920331 | 7.36E-07 | 5YrCancerI | 7.36E-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 |
| 316 | ALL | 275504.3 | 3920331 | 7.41E-07 | 5YrCancerI | 7.41E-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 |
| 317 | ALL | 275524.3 | 3920331 | 7.46E-07 | 5YrCancerI | 7.46E-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 |
| 318 | ALL | 275544.3 | 3920331 | 7.51E-07 | 5YrCancerI | 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 |
| 319 | ALL | 275564.3 | 3920331 | 7.56E-07 | 5YrCancerI | 7.56E-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 |
| 320 | ALL | 275584.3 | 3920331 | 7.61E-07 | 5YrCancerI | 7.61E-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 |
| 321 | ALL | 275604.3 | 3920331 | 7.67E-07 | 5YrCancerI | 7.67E-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 |
| 322 | ALL | 275624.3 | 3920331 | 7.72E-07 | 5YrCancerI | 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 |
| 323 | ALL | 275644.3 | 3920331 | 7.78E-07 | 5YrCancerI | 7.78E-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 |
| 324 | ALL | 275664.3 | 3920331 | 7.83E-07 | 5YrCancerI | 7.83E-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 |
| 325 | ALL | 275684.3 | 3920331 | 7.89E-07 | 5YrCancerI | 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 |
| 326 | ALL | 275704.3 | 3920331 | 7.95E-07 | 5YrCancerI | 7.95E-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 |
| 327 | ALL | 275724.3 | 3920331 | 8.01E-07 | 5YrCancerI | 8.01E-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 |
| 328 | ALL | 275744.3 | 3920331 | 8.08E-07 | 5YrCancerI | 8.08E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 329 | ALL | 275764.3 | 3920331 | 8.14E-07 | 5YrCancerI | 8.14E-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 |
| 330 | ALL | 275784.3 | 3920331 | 8.21E-07 | 5YrCancerI | 8.21E-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 |
| 331 | ALL | 275804.3 | 3920331 | 8.27E-07 | 5YrCancerI | 8.27E-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 |
| 332 | ALL | 275824.3 | 3920331 | 8.34E-07 | 5YrCancerI | 8.34E-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 |
| 333 | ALL | 275844.3 | 3920331 | 8.41E-07 | 5YrCancerI | 8.41E-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 |
| 334 | ALL | 275864.3 | 3920331 | 8.48E-07 | 5YrCancerI | 8.48E-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 |
| 335 | ALL | 275884.3 | 3920331 | 8.56E-07 | 5YrCancerI | 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 |
| 336 | ALL | 275904.3 | 3920331 | 8.63E-07 | 5YrCancerI | 8.63E-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 |
| 337 | ALL | 275924.3 | 3920331 | 8.71E-07 | 5YrCancerI | 8.71E-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 |
| 338 | ALL | 275944.3 | 3920331 | 8.78E-07 | 5YrCancerI | 8.78E-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 |
| 339 | ALL | 275964.3 | 3920331 | 8.86E-07 | 5YrCancerI | 8.86E-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 |
| 340 | ALL | 275984.3 | 3920331 | 8.95E-07 | 5YrCancerI | 8.95E-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 |
| 341 | ALL | 276004.3 | 3920331 | 9.03E-07 | 5YrCancerI | 9.03E-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 |
| 342 | ALL | 276024.3 | 3920331 | 9.11E-07 | 5YrCancerI | 9.11E-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 |
| 343 | ALL | 276164.3 | 3920331 | 9.77E-07 | 5YrCancerI | 9.77E-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 |
| 344 | ALL | 276184.3 | 3920331 | 9.87E-07 | 5YrCancerI | 9.87E-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 |
| 345 | ALL | 276204.3 | 3920331 | 9.98E-07 | 5YrCancerI | 9.98E-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 |
| 346 | ALL | 276224.3 | 3920331 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 347 | ALL | 276244.3 | 3920331 | 1.02E-06 | 5YrCancerI | 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 |
| 348 | ALL | 276264.3 | 3920331 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 349 | ALL | 276284.3 | 3920331 | 1.04E-06 | 5YrCancerI | 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 |
| 350 | ALL | 276304.3 | 3920331 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 351 | ALL | 276324.3 | 3920331 | 1.07E-06 | 5YrCancerI | 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 |
| 352 | ALL | 276344.3 | 3920331 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 353 | ALL | 276364.3 | 3920331 | 1.10E-06 | 5YrCancerI | 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 |
| 354 | ALL | 276384.3 | 3920331 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 355 | ALL | 276404.3 | 3920331 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 356 | ALL | 276424.3 | 3920331 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 357 | ALL | 276444.3 | 3920331 | 1.16E-06 | 5YrCancerI | 1.16E-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 |
| 358 | ALL | 276464.3 | 3920331 | 1.17E-06 | 5YrCancerI | 1.17E-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 |
| 359 | ALL | 276484.3 | 3920331 | 1.19E-06 | 5YrCancerI | 1.19E-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 |
| 360 | ALL | 275144.3 | 3920351 | 6.63E-07 | 5YrCancerI | 6.63E-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 |
| 361 | ALL | 275164.3 | 3920351 | 6.68E-07 | 5YrCancerI | 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 |
| 362 | ALL | 275184.3 | 3920351 | 6.72E-07 | 5YrCancerI | 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 |
| 363 | ALL | 275204.3 | 3920351 | 6.76E-07 | 5YrCancerI | 6.76E-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 |
| 364 | ALL | 275224.3 | 3920351 | 6.81E-07 | 5YrCancerI | 6.81E-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 |
| 365 | ALL | 275244.3 | 3920351 | 6.85E-07 | 5YrCancerI | 6.85E-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 |
| 366 | ALL | 275264.3 | 3920351 | 6.90E-07 | 5YrCancerI | 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 |
| 367 | ALL | 275284.3 | 3920351 | 6.94E-07 | 5YrCancerI | 6.94E-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 |
| 368 | ALL | 275304.3 | 3920351 | 6.98E-07 | 5YrCancerI | 6.98E-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 |
| 369 | ALL | 275324.3 | 3920351 | 7.03E-07 | 5YrCancerI | 7.03E-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 |
| 370 | ALL | 275344.3 | 3920351 | 7.08E-07 | 5YrCancerI | 7.08E-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 |
| 371 | ALL | 275364.3 | 3920351 | 7.12E-07 | 5YrCancerI | 7.12E-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 |
| 372 | ALL | 275384.3 | 3920351 | 7.17E-07 | 5YrCancerI | 7.17E-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 |
| 373 | ALL | 275404.3 | 3920351 | 7.21E-07 | 5YrCancerI | 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 |
| 374 | ALL | 275424.3 | 3920351 | 7.26E-07 | 5YrCancerI | 7.26E-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 |
| 375 | ALL | 275444.3 | 3920351 | 7.31E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 376 | ALL | 275464.3 | 3920351 | 7.36E-07 | 5YrCancerI | 7.36E-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 |
| 377 | ALL | 275484.3 | 3920351 | 7.40E-07 | 5YrCancerI | 7.40E-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 |
| 378 | ALL | 275504.3 | 3920351 | 7.45E-07 | 5YrCancerI | 7.45E-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 |
| 379 | ALL | 275524.3 | 3920351 | 7.50E-07 | 5YrCancerI | 7.50E-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 |
| 380 | ALL | 275544.3 | 3920351 | 7.55E-07 | 5YrCancerI | 7.55E-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 |
| 381 | ALL | 275564.3 | 3920351 | 7.61E-07 | 5YrCancerI | 7.61E-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 |
| 382 | ALL | 275584.3 | 3920351 | 7.66E-07 | 5YrCancerI | 7.66E-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 |
| 383 | ALL | 275604.3 | 3920351 | 7.71E-07 | 5YrCancerI | 7.71E-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 |
| 384 | ALL | 275624.3 | 3920351 | 7.77E-07 | 5YrCancerI | 7.77E-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 |
| 385 | ALL | 275644.3 | 3920351 | 7.83E-07 | 5YrCancerI | 7.83E-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 |
| 386 | ALL | 275664.3 | 3920351 | 7.88E-07 | 5YrCancerI | 7.88E-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 |
| 387 | ALL | 275684.3 | 3920351 | 7.94E-07 | 5YrCancerI | 7.94E-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 |
| 388 | ALL | 275704.3 | 3920351 | 8.01E-07 | 5YrCancerI | 8.01E-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 |
| 389 | ALL | 275724.3 | 3920351 | 8.07E-07 | 5YrCancerI | 8.07E-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 |
| 390 | ALL | 275744.3 | 3920351 | 8.13E-07 | 5YrCancerI | 8.13E-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 |
| 391 | ALL | 275764.3 | 3920351 | 8.20E-07 | 5YrCancerI | 8.20E-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 |
| 392 | ALL | 275784.3 | 3920351 | 8.26E-07 | 5YrCancerI | 8.26E-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 |
| 393 | ALL | 275804.3 | 3920351 | 8.33E-07 | 5YrCancerI | 8.33E-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 |
| 394 | ALL | 275824.3 | 3920351 | 8.40E-07 | 5YrCancerI | 8.40E-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 |
| 395 | ALL | 275844.3 | 3920351 | 8.47E-07 | 5YrCancerI | 8.47E-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 |
| 396 | ALL | 275864.3 | 3920351 | 8.54E-07 | 5YrCancerI | 8.54E-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 |
| 397 | ALL | 275884.3 | 3920351 | 8.62E-07 | 5YrCancerI | 8.62E-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 |
| 398 | ALL | 275904.3 | 3920351 | 8.69E-07 | 5YrCancerI | 8.69E-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 |
| 399 | ALL | 275924.3 | 3920351 | 8.77E-07 | 5YrCancerI | 8.77E-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 |
| 400 | ALL | 275944.3 | 3920351 | 8.85E-07 | 5YrCancerI | 8.85E-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 |
| 401 | ALL | 275964.3 | 3920351 | 8.93E-07 | 5YrCancerI | 8.93E-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 |
| 402 | ALL | 275984.3 | 3920351 | 9.02E-07 | 5YrCancerI | 9.02E-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 |
| 403 | ALL | 276004.3 | 3920351 | 9.10E-07 | 5YrCancerI | 9.10E-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 |
| 404 | ALL | 276024.3 | 3920351 | 9.18E-07 | 5YrCancerI | 9.18E-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 |
| 405 | ALL | 276164.3 | 3920351 | 9.86E-07 | 5YrCancerI | 9.86E-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 |
| 406 | ALL | 276184.3 | 3920351 | 9.96E-07 | 5YrCancerI | 9.96E-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 |
| 407 | ALL | 276204.3 | 3920351 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 408 | ALL | 276224.3 | 3920351 | 1.02E-06 | 5YrCancerI | 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 |
| 409 | ALL | 276244.3 | 3920351 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 410 | ALL | 276264.3 | 3920351 | 1.04E-06 | 5YrCancerI | 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 |
| 411 | ALL | 276284.3 | 3920351 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 412 | ALL | 276304.3 | 3920351 | 1.07E-06 | 5YrCancerI | 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 |
| 413 | ALL | 276324.3 | 3920351 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 414 | ALL | 276344.3 | 3920351 | 1.09E-06 | 5YrCancerI | 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 |
| 415 | ALL | 276364.3 | 3920351 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 416 | ALL | 276384.3 | 3920351 | 1.12E-06 | 5YrCancerI | 1.12E-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 |
| 417 | ALL | 276404.3 | 3920351 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 418 | ALL | 276424.3 | 3920351 | 1.15E-06 | 5YrCancerI | 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 |
| 419 | ALL | 276444.3 | 3920351 | 1.17E-06 | 5YrCancerI | 1.17E-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 |
| 420 | ALL | 276464.3 | 3920351 | 1.19E-06 | 5YrCancerI | 1.19E-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 |
| 421 | ALL | 276484.3 | 3920351 | 1.21E-06 | 5YrCancerI | 1.21E-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 |
| 422 | ALL | 275144.3 | 3920371 | 6.67E-07 | 5YrCancerI | 6.67E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 423 | ALL | 275164.3 | 3920371 | 6.71E-07 | 5YrCancerI | 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 |
| 424 | ALL | 275184.3 | 3920371 | 6.75E-07 | 5YrCancerI | 6.75E-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 |
| 425 | ALL | 275204.3 | 3920371 | 6.80E-07 | 5YrCancerI | 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 |
| 426 | ALL | 275224.3 | 3920371 | 6.84E-07 | 5YrCancerI | 6.84E-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 |
| 427 | ALL | 275244.3 | 3920371 | 6.89E-07 | 5YrCancerI | 6.89E-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 |
| 428 | ALL | 275264.3 | 3920371 | 6.93E-07 | 5YrCancerI | 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 |
| 429 | ALL | 275284.3 | 3920371 | 6.98E-07 | 5YrCancerI | 6.98E-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 |
| 430 | ALL | 275304.3 | 3920371 | 7.02E-07 | 5YrCancerI | 7.02E-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 |
| 431 | ALL | 275324.3 | 3920371 | 7.07E-07 | 5YrCancerI | 7.07E-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 |
| 432 | ALL | 275344.3 | 3920371 | 7.11E-07 | 5YrCancerI | 7.11E-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 |
| 433 | ALL | 275364.3 | 3920371 | 7.16E-07 | 5YrCancerI | 7.16E-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 |
| 434 | ALL | 275384.3 | 3920371 | 7.21E-07 | 5YrCancerI | 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 |
| 435 | ALL | 275404.3 | 3920371 | 7.25E-07 | 5YrCancerI | 7.25E-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 |
| 436 | ALL | 275424.3 | 3920371 | 7.30E-07 | 5YrCancerI | 7.30E-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 |
| 437 | ALL | 275444.3 | 3920371 | 7.35E-07 | 5YrCancerI | 7.35E-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 |
| 438 | ALL | 275464.3 | 3920371 | 7.40E-07 | 5YrCancerI | 7.40E-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 |
| 439 | ALL | 275484.3 | 3920371 | 7.45E-07 | 5YrCancerI | 7.45E-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 |
| 440 | ALL | 275504.3 | 3920371 | 7.50E-07 | 5YrCancerI | 7.50E-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 |
| 441 | ALL | 275524.3 | 3920371 | 7.55E-07 | 5YrCancerI | 7.55E-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 |
| 442 | ALL | 275544.3 | 3920371 | 7.60E-07 | 5YrCancerI | 7.60E-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 |
| 443 | ALL | 275564.3 | 3920371 | 7.65E-07 | 5YrCancerI | 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 |
| 444 | ALL | 275584.3 | 3920371 | 7.71E-07 | 5YrCancerI | 7.71E-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 |
| 445 | ALL | 275604.3 | 3920371 | 7.76E-07 | 5YrCancerI | 7.76E-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 |
| 446 | ALL | 275624.3 | 3920371 | 7.82E-07 | 5YrCancerI | 7.82E-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 |
| 447 | ALL | 275644.3 | 3920371 | 7.88E-07 | 5YrCancerI | 7.88E-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 |
| 448 | ALL | 275664.3 | 3920371 | 7.94E-07 | 5YrCancerI | 7.94E-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 |
| 449 | ALL | 275684.3 | 3920371 | 8.00E-07 | 5YrCancerI | 8.00E-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 |
| 450 | ALL | 275704.3 | 3920371 | 8.06E-07 | 5YrCancerI | 8.06E-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 |
| 451 | ALL | 275724.3 | 3920371 | 8.12E-07 | 5YrCancerI | 8.12E-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 |
| 452 | ALL | 275744.3 | 3920371 | 8.19E-07 | 5YrCancerI | 8.19E-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 |
| 453 | ALL | 275764.3 | 3920371 | 8.25E-07 | 5YrCancerI | 8.25E-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 |
| 454 | ALL | 275784.3 | 3920371 | 8.32E-07 | 5YrCancerI | 8.32E-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 |
| 455 | ALL | 275804.3 | 3920371 | 8.39E-07 | 5YrCancerI | 8.39E-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 |
| 456 | ALL | 275824.3 | 3920371 | 8.46E-07 | 5YrCancerI | 8.46E-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 |
| 457 | ALL | 275844.3 | 3920371 | 8.53E-07 | 5YrCancerI | 8.53E-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 |
| 458 | ALL | 275964.3 | 3920371 | 9.00E-07 | 5YrCancerI | 9.00E-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 |
| 459 | ALL | 275984.3 | 3920371 | 9.09E-07 | 5YrCancerI | 9.09E-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 |
| 460 | ALL | 276004.3 | 3920371 | 9.17E-07 | 5YrCancerI | 9.17E-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 |
| 461 | ALL | 276164.3 | 3920371 | 9.95E-07 | 5YrCancerI | 9.95E-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 |
| 462 | ALL | 276184.3 | 3920371 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 463 | ALL | 276204.3 | 3920371 | 1.02E-06 | 5YrCancerI | 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 |
| 464 | ALL | 276224.3 | 3920371 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 465 | ALL | 276244.3 | 3920371 | 1.04E-06 | 5YrCancerI | 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 |
| 466 | ALL | 276264.3 | 3920371 | 1.05E-06 | 5YrCancerI | 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 |
| 467 | ALL | 276284.3 | 3920371 | 1.07E-06 | 5YrCancerI | 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 |
| 468 | ALL | 276304.3 | 3920371 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 469 | ALL | 276324.3 | 3920371 | 1.09E-06 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 470 ALL | 276344.3 | 3920371 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 471 ALL | 276364.3 | 3920371 | 1.12E-06 | 5YrCancerI | 1.12E-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 |
| 472 ALL | 276384.3 | 3920371 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 473 ALL | 276404.3 | 3920371 | 1.15E-06 | 5YrCancerI | 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 |
| 474 ALL | 276424.3 | 3920371 | 1.17E-06 | 5YrCancerI | 1.17E-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 |
| 475 ALL | 276444.3 | 3920371 | 1.19E-06 | 5YrCancerI | 1.19E-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 |
| 476 ALL | 276464.3 | 3920371 | 1.20E-06 | 5YrCancerI | 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 |
| 477 ALL | 276484.3 | 3920371 | 1.22E-06 | 5YrCancerI | 1.22E-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 |
| 478 ALL | 276504.3 | 3920371 | 1.24E-06 | 5YrCancerI | 1.24E-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 |
| 479 ALL | 275144.3 | 3920391 | 6.70E-07 | 5YrCancerI | 6.70E-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 |
| 480 ALL | 275164.3 | 3920391 | 6.75E-07 | 5YrCancerI | 6.75E-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 |
| 481 ALL | 275184.3 | 3920391 | 6.79E-07 | 5YrCancerI | 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 |
| 482 ALL | 275204.3 | 3920391 | 6.83E-07 | 5YrCancerI | 6.83E-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 |
| 483 ALL | 275224.3 | 3920391 | 6.88E-07 | 5YrCancerI | 6.88E-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 |
| 484 ALL | 275244.3 | 3920391 | 6.92E-07 | 5YrCancerI | 6.92E-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 |
| 485 ALL | 275264.3 | 3920391 | 6.97E-07 | 5YrCancerI | 6.97E-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 |
| 486 ALL | 275284.3 | 3920391 | 7.02E-07 | 5YrCancerI | 7.02E-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 |
| 487 ALL | 275304.3 | 3920391 | 7.06E-07 | 5YrCancerI | 7.06E-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 |
| 488 ALL | 275324.3 | 3920391 | 7.11E-07 | 5YrCancerI | 7.11E-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 |
| 489 ALL | 275344.3 | 3920391 | 7.16E-07 | 5YrCancerI | 7.16E-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 |
| 490 ALL | 275364.3 | 3920391 | 7.20E-07 | 5YrCancerI | 7.20E-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 |
| 491 ALL | 275384.3 | 3920391 | 7.25E-07 | 5YrCancerI | 7.25E-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 |
| 492 ALL | 275404.3 | 3920391 | 7.30E-07 | 5YrCancerI | 7.30E-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 |
| 493 ALL | 275424.3 | 3920391 | 7.35E-07 | 5YrCancerI | 7.35E-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 |
| 494 ALL | 275444.3 | 3920391 | 7.39E-07 | 5YrCancerI | 7.39E-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 |
| 495 ALL | 275464.3 | 3920391 | 7.44E-07 | 5YrCancerI | 7.44E-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 |
| 496 ALL | 275484.3 | 3920391 | 7.49E-07 | 5YrCancerI | 7.49E-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 |
| 497 ALL | 275504.3 | 3920391 | 7.54E-07 | 5YrCancerI | 7.54E-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 |
| 498 ALL | 275524.3 | 3920391 | 7.60E-07 | 5YrCancerI | 7.60E-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 |
| 499 ALL | 275544.3 | 3920391 | 7.65E-07 | 5YrCancerI | 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 |
| 500 ALL | 275564.3 | 3920391 | 7.70E-07 | 5YrCancerI | 7.70E-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 |
| 501 ALL | 275584.3 | 3920391 | 7.76E-07 | 5YrCancerI | 7.76E-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 |
| 502 ALL | 275604.3 | 3920391 | 7.81E-07 | 5YrCancerI | 7.81E-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 |
| 503 ALL | 275624.3 | 3920391 | 7.87E-07 | 5YrCancerI | 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 |
| 504 ALL | 275644.3 | 3920391 | 7.93E-07 | 5YrCancerI | 7.93E-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 |
| 505 ALL | 275664.3 | 3920391 | 7.99E-07 | 5YrCancerI | 7.99E-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 |
| 506 ALL | 275684.3 | 3920391 | 8.05E-07 | 5YrCancerI | 8.05E-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 |
| 507 ALL | 275704.3 | 3920391 | 8.11E-07 | 5YrCancerI | 8.11E-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 |
| 508 ALL | 275724.3 | 3920391 | 8.18E-07 | 5YrCancerI | 8.18E-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 |
| 509 ALL | 275744.3 | 3920391 | 8.24E-07 | 5YrCancerI | 8.24E-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 |
| 510 ALL | 275764.3 | 3920391 | 8.31E-07 | 5YrCancerI | 8.31E-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 |
| 511 ALL | 275784.3 | 3920391 | 8.38E-07 | 5YrCancerI | 8.38E-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 |
| 512 ALL | 275804.3 | 3920391 | 8.45E-07 | 5YrCancerI | 8.45E-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 |
| 513 ALL | 275824.3 | 3920391 | 8.52E-07 | 5YrCancerI | 8.52E-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 |
| 514 ALL | 276164.3 | 3920391 | 1.00E-06 | 5YrCancerI | 1.00E-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 |
| 515 ALL | 276184.3 | 3920391 | 1.02E-06 | 5YrCancerI | 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 |
| 516 ALL | 276204.3 | 3920391 | 1.03E-06 | 5YrCancerI | 1.03E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 517 | ALL | 276224.3 | 3920391 | 1.04E-06 | 5YrCancerI | 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 |
| 518 | ALL | 276244.3 | 3920391 | 1.05E-06 | 5YrCancerI | 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 |
| 519 | ALL | 276264.3 | 3920391 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 520 | ALL | 276284.3 | 3920391 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 521 | ALL | 276304.3 | 3920391 | 1.09E-06 | 5YrCancerI | 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 |
| 522 | ALL | 276324.3 | 3920391 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 523 | ALL | 276344.3 | 3920391 | 1.12E-06 | 5YrCancerI | 1.12E-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 |
| 524 | ALL | 276364.3 | 3920391 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 525 | ALL | 276384.3 | 3920391 | 1.15E-06 | 5YrCancerI | 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 |
| 526 | ALL | 276404.3 | 3920391 | 1.17E-06 | 5YrCancerI | 1.17E-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 |
| 527 | ALL | 276424.3 | 3920391 | 1.18E-06 | 5YrCancerI | 1.18E-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 |
| 528 | ALL | 276444.3 | 3920391 | 1.20E-06 | 5YrCancerI | 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 |
| 529 | ALL | 276464.3 | 3920391 | 1.22E-06 | 5YrCancerI | 1.22E-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 |
| 530 | ALL | 276484.3 | 3920391 | 1.24E-06 | 5YrCancerI | 1.24E-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 |
| 531 | ALL | 276504.3 | 3920391 | 1.26E-06 | 5YrCancerI | 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 |
| 532 | ALL | 275144.3 | 3920411 | 6.74E-07 | 5YrCancerI | 6.74E-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 |
| 533 | ALL | 275164.3 | 3920411 | 6.78E-07 | 5YrCancerI | 6.78E-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 |
| 534 | ALL | 275184.3 | 3920411 | 6.83E-07 | 5YrCancerI | 6.83E-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 |
| 535 | ALL | 275204.3 | 3920411 | 6.87E-07 | 5YrCancerI | 6.87E-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 |
| 536 | ALL | 275224.3 | 3920411 | 6.92E-07 | 5YrCancerI | 6.92E-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 |
| 537 | ALL | 275244.3 | 3920411 | 6.96E-07 | 5YrCancerI | 6.96E-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 |
| 538 | ALL | 275264.3 | 3920411 | 7.01E-07 | 5YrCancerI | 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 |
| 539 | ALL | 275284.3 | 3920411 | 7.06E-07 | 5YrCancerI | 7.06E-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 |
| 540 | ALL | 275304.3 | 3920411 | 7.10E-07 | 5YrCancerI | 7.10E-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 |
| 541 | ALL | 275324.3 | 3920411 | 7.15E-07 | 5YrCancerI | 7.15E-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 |
| 542 | ALL | 275344.3 | 3920411 | 7.20E-07 | 5YrCancerI | 7.20E-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 |
| 543 | ALL | 275364.3 | 3920411 | 7.24E-07 | 5YrCancerI | 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 |
| 544 | ALL | 275384.3 | 3920411 | 7.29E-07 | 5YrCancerI | 7.29E-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 |
| 545 | ALL | 275404.3 | 3920411 | 7.34E-07 | 5YrCancerI | 7.34E-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 |
| 546 | ALL | 275424.3 | 3920411 | 7.39E-07 | 5YrCancerI | 7.39E-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 |
| 547 | ALL | 275444.3 | 3920411 | 7.44E-07 | 5YrCancerI | 7.44E-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 |
| 548 | ALL | 275464.3 | 3920411 | 7.49E-07 | 5YrCancerI | 7.49E-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 |
| 549 | ALL | 275484.3 | 3920411 | 7.54E-07 | 5YrCancerI | 7.54E-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 |
| 550 | ALL | 275504.3 | 3920411 | 7.59E-07 | 5YrCancerI | 7.59E-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 |
| 551 | ALL | 275524.3 | 3920411 | 7.64E-07 | 5YrCancerI | 7.64E-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 |
| 552 | ALL | 275544.3 | 3920411 | 7.70E-07 | 5YrCancerI | 7.70E-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 |
| 553 | ALL | 275564.3 | 3920411 | 7.75E-07 | 5YrCancerI | 7.75E-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 |
| 554 | ALL | 275584.3 | 3920411 | 7.81E-07 | 5YrCancerI | 7.81E-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 |
| 555 | ALL | 275604.3 | 3920411 | 7.86E-07 | 5YrCancerI | 7.86E-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 |
| 556 | ALL | 275624.3 | 3920411 | 7.92E-07 | 5YrCancerI | 7.92E-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 |
| 557 | ALL | 275644.3 | 3920411 | 7.98E-07 | 5YrCancerI | 7.98E-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 |
| 558 | ALL | 275664.3 | 3920411 | 8.04E-07 | 5YrCancerI | 8.04E-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 |
| 559 | ALL | 275684.3 | 3920411 | 8.10E-07 | 5YrCancerI | 8.10E-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 |
| 560 | ALL | 275704.3 | 3920411 | 8.17E-07 | 5YrCancerI | 8.17E-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 |
| 561 | ALL | 275724.3 | 3920411 | 8.23E-07 | 5YrCancerI | 8.23E-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 |
| 562 | ALL | 275744.3 | 3920411 | 8.30E-07 | 5YrCancerI | 8.30E-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 |
| 563 | ALL | 275764.3 | 3920411 | 8.37E-07 | 5YrCancerI | 8.37E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 564 | ALL | 275784.3 | 3920411 | 8.44E-07 | 5YrCancerI | 8.44E-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 |
| 565 | ALL | 276164.3 | 3920411 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 566 | ALL | 276184.3 | 3920411 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 567 | ALL | 276204.3 | 3920411 | 1.04E-06 | 5YrCancerI | 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 |
| 568 | ALL | 276224.3 | 3920411 | 1.05E-06 | 5YrCancerI | 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 |
| 569 | ALL | 276244.3 | 3920411 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 570 | ALL | 276264.3 | 3920411 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 571 | ALL | 276284.3 | 3920411 | 1.09E-06 | 5YrCancerI | 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 |
| 572 | ALL | 276304.3 | 3920411 | 1.10E-06 | 5YrCancerI | 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 |
| 573 | ALL | 276324.3 | 3920411 | 1.12E-06 | 5YrCancerI | 1.12E-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 |
| 574 | ALL | 276344.3 | 3920411 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 575 | ALL | 276364.3 | 3920411 | 1.15E-06 | 5YrCancerI | 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 |
| 576 | ALL | 276384.3 | 3920411 | 1.17E-06 | 5YrCancerI | 1.17E-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 |
| 577 | ALL | 276404.3 | 3920411 | 1.18E-06 | 5YrCancerI | 1.18E-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 |
| 578 | ALL | 276424.3 | 3920411 | 1.20E-06 | 5YrCancerI | 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 |
| 579 | ALL | 276444.3 | 3920411 | 1.22E-06 | 5YrCancerI | 1.22E-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 |
| 580 | ALL | 276464.3 | 3920411 | 1.24E-06 | 5YrCancerI | 1.24E-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 |
| 581 | ALL | 276484.3 | 3920411 | 1.26E-06 | 5YrCancerI | 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 |
| 582 | ALL | 276504.3 | 3920411 | 1.28E-06 | 5YrCancerI | 1.28E-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 |
| 583 | ALL | 275164.3 | 3920431 | 6.82E-07 | 5YrCancerI | 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 |
| 584 | ALL | 275184.3 | 3920431 | 6.86E-07 | 5YrCancerI | 6.86E-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 |
| 585 | ALL | 275204.3 | 3920431 | 6.91E-07 | 5YrCancerI | 6.91E-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 |
| 586 | ALL | 275224.3 | 3920431 | 6.95E-07 | 5YrCancerI | 6.95E-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 |
| 587 | ALL | 275244.3 | 3920431 | 7.00E-07 | 5YrCancerI | 7.00E-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 |
| 588 | ALL | 275264.3 | 3920431 | 7.05E-07 | 5YrCancerI | 7.05E-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 |
| 589 | ALL | 275284.3 | 3920431 | 7.09E-07 | 5YrCancerI | 7.09E-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 |
| 590 | ALL | 275304.3 | 3920431 | 7.14E-07 | 5YrCancerI | 7.14E-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 |
| 591 | ALL | 275324.3 | 3920431 | 7.19E-07 | 5YrCancerI | 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 |
| 592 | ALL | 275344.3 | 3920431 | 7.24E-07 | 5YrCancerI | 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 |
| 593 | ALL | 275364.3 | 3920431 | 7.29E-07 | 5YrCancerI | 7.29E-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 |
| 594 | ALL | 275384.3 | 3920431 | 7.33E-07 | 5YrCancerI | 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 |
| 595 | ALL | 275404.3 | 3920431 | 7.38E-07 | 5YrCancerI | 7.38E-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 |
| 596 | ALL | 275424.3 | 3920431 | 7.43E-07 | 5YrCancerI | 7.43E-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 |
| 597 | ALL | 275444.3 | 3920431 | 7.48E-07 | 5YrCancerI | 7.48E-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 |
| 598 | ALL | 275464.3 | 3920431 | 7.53E-07 | 5YrCancerI | 7.53E-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 |
| 599 | ALL | 275484.3 | 3920431 | 7.59E-07 | 5YrCancerI | 7.59E-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 |
| 600 | ALL | 275504.3 | 3920431 | 7.64E-07 | 5YrCancerI | 7.64E-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 |
| 601 | ALL | 275524.3 | 3920431 | 7.69E-07 | 5YrCancerI | 7.69E-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 |
| 602 | ALL | 275544.3 | 3920431 | 7.75E-07 | 5YrCancerI | 7.75E-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 |
| 603 | ALL | 275564.3 | 3920431 | 7.80E-07 | 5YrCancerI | 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 |
| 604 | ALL | 275584.3 | 3920431 | 7.86E-07 | 5YrCancerI | 7.86E-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 |
| 605 | ALL | 275604.3 | 3920431 | 7.91E-07 | 5YrCancerI | 7.91E-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 |
| 606 | ALL | 275624.3 | 3920431 | 7.97E-07 | 5YrCancerI | 7.97E-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 |
| 607 | ALL | 275644.3 | 3920431 | 8.03E-07 | 5YrCancerI | 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 |
| 608 | ALL | 275664.3 | 3920431 | 8.09E-07 | 5YrCancerI | 8.09E-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 |
| 609 | ALL | 275684.3 | 3920431 | 8.16E-07 | 5YrCancerI | 8.16E-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 |
| 610 | ALL | 275704.3 | 3920431 | 8.22E-07 | 5YrCancerI | 8.22E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 611 | ALL | 275724.3 | 3920431 | 8.29E-07 | 5YrCancerI | 8.29E-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 |
| 612 | ALL | 275744.3 | 3920431 | 8.36E-07 | 5YrCancerI | 8.36E-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 |
| 613 | ALL | 276164.3 | 3920431 | 1.02E-06 | 5YrCancerI | 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 |
| 614 | ALL | 276184.3 | 3920431 | 1.04E-06 | 5YrCancerI | 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 |
| 615 | ALL | 276204.3 | 3920431 | 1.05E-06 | 5YrCancerI | 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 |
| 616 | ALL | 276224.3 | 3920431 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 617 | ALL | 276244.3 | 3920431 | 1.07E-06 | 5YrCancerI | 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 |
| 618 | ALL | 276264.3 | 3920431 | 1.09E-06 | 5YrCancerI | 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 |
| 619 | ALL | 276284.3 | 3920431 | 1.10E-06 | 5YrCancerI | 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 |
| 620 | ALL | 276304.3 | 3920431 | 1.12E-06 | 5YrCancerI | 1.12E-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 |
| 621 | ALL | 276324.3 | 3920431 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 622 | ALL | 276344.3 | 3920431 | 1.15E-06 | 5YrCancerI | 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 |
| 623 | ALL | 276364.3 | 3920431 | 1.16E-06 | 5YrCancerI | 1.16E-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 |
| 624 | ALL | 276384.3 | 3920431 | 1.18E-06 | 5YrCancerI | 1.18E-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 |
| 625 | ALL | 276404.3 | 3920431 | 1.20E-06 | 5YrCancerI | 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 |
| 626 | ALL | 276424.3 | 3920431 | 1.22E-06 | 5YrCancerI | 1.22E-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 |
| 627 | ALL | 276444.3 | 3920431 | 1.24E-06 | 5YrCancerI | 1.24E-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 |
| 628 | ALL | 276464.3 | 3920431 | 1.26E-06 | 5YrCancerI | 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 |
| 629 | ALL | 276484.3 | 3920431 | 1.28E-06 | 5YrCancerI | 1.28E-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 |
| 630 | ALL | 276504.3 | 3920431 | 1.30E-06 | 5YrCancerI | 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 |
| 631 | ALL | 275164.3 | 3920451 | 6.85E-07 | 5YrCancerI | 6.85E-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 |
| 632 | ALL | 275184.3 | 3920451 | 6.90E-07 | 5YrCancerI | 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 |
| 633 | ALL | 275204.3 | 3920451 | 6.95E-07 | 5YrCancerI | 6.95E-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 |
| 634 | ALL | 275224.3 | 3920451 | 6.99E-07 | 5YrCancerI | 6.99E-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 |
| 635 | ALL | 275244.3 | 3920451 | 7.04E-07 | 5YrCancerI | 7.04E-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 |
| 636 | ALL | 275264.3 | 3920451 | 7.09E-07 | 5YrCancerI | 7.09E-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 |
| 637 | ALL | 275284.3 | 3920451 | 7.13E-07 | 5YrCancerI | 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 |
| 638 | ALL | 275304.3 | 3920451 | 7.18E-07 | 5YrCancerI | 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 |
| 639 | ALL | 275324.3 | 3920451 | 7.23E-07 | 5YrCancerI | 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 |
| 640 | ALL | 275344.3 | 3920451 | 7.28E-07 | 5YrCancerI | 7.28E-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 |
| 641 | ALL | 275364.3 | 3920451 | 7.33E-07 | 5YrCancerI | 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 |
| 642 | ALL | 275384.3 | 3920451 | 7.38E-07 | 5YrCancerI | 7.38E-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 |
| 643 | ALL | 275404.3 | 3920451 | 7.43E-07 | 5YrCancerI | 7.43E-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 |
| 644 | ALL | 275424.3 | 3920451 | 7.48E-07 | 5YrCancerI | 7.48E-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 |
| 645 | ALL | 275444.3 | 3920451 | 7.53E-07 | 5YrCancerI | 7.53E-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 |
| 646 | ALL | 275464.3 | 3920451 | 7.58E-07 | 5YrCancerI | 7.58E-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 |
| 647 | ALL | 275484.3 | 3920451 | 7.63E-07 | 5YrCancerI | 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 |
| 648 | ALL | 275504.3 | 3920451 | 7.69E-07 | 5YrCancerI | 7.69E-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 |
| 649 | ALL | 275524.3 | 3920451 | 7.74E-07 | 5YrCancerI | 7.74E-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 |
| 650 | ALL | 275544.3 | 3920451 | 7.79E-07 | 5YrCancerI | 7.79E-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 |
| 651 | ALL | 275564.3 | 3920451 | 7.85E-07 | 5YrCancerI | 7.85E-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 |
| 652 | ALL | 275584.3 | 3920451 | 7.91E-07 | 5YrCancerI | 7.91E-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 |
| 653 | ALL | 275604.3 | 3920451 | 7.97E-07 | 5YrCancerI | 7.97E-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 |
| 654 | ALL | 275624.3 | 3920451 | 8.03E-07 | 5YrCancerI | 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 |
| 655 | ALL | 275644.3 | 3920451 | 8.09E-07 | 5YrCancerI | 8.09E-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 |
| 656 | ALL | 275664.3 | 3920451 | 8.15E-07 | 5YrCancerI | 8.15E-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 |
| 657 | ALL | 275684.3 | 3920451 | 8.21E-07 | 5YrCancerI | 8.21E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 658 | ALL | 275704.3 | 3920451 | 8.28E-07 | 5YrCancerI | 8.28E-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 |
| 659 | ALL | 276164.3 | 3920451 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 660 | ALL | 276184.3 | 3920451 | 1.05E-06 | 5YrCancerI | 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 |
| 661 | ALL | 276204.3 | 3920451 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 662 | ALL | 276224.3 | 3920451 | 1.07E-06 | 5YrCancerI | 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 |
| 663 | ALL | 276244.3 | 3920451 | 1.09E-06 | 5YrCancerI | 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 |
| 664 | ALL | 276264.3 | 3920451 | 1.10E-06 | 5YrCancerI | 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 |
| 665 | ALL | 276284.3 | 3920451 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 666 | ALL | 276304.3 | 3920451 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 667 | ALL | 276324.3 | 3920451 | 1.15E-06 | 5YrCancerI | 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 |
| 668 | ALL | 276344.3 | 3920451 | 1.16E-06 | 5YrCancerI | 1.16E-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 |
| 669 | ALL | 276364.3 | 3920451 | 1.18E-06 | 5YrCancerI | 1.18E-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 |
| 670 | ALL | 276384.3 | 3920451 | 1.20E-06 | 5YrCancerI | 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 |
| 671 | ALL | 276404.3 | 3920451 | 1.22E-06 | 5YrCancerI | 1.22E-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 |
| 672 | ALL | 276424.3 | 3920451 | 1.23E-06 | 5YrCancerI | 1.23E-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 |
| 673 | ALL | 276444.3 | 3920451 | 1.26E-06 | 5YrCancerI | 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 |
| 674 | ALL | 276464.3 | 3920451 | 1.28E-06 | 5YrCancerI | 1.28E-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 |
| 675 | ALL | 276484.3 | 3920451 | 1.30E-06 | 5YrCancerI | 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 |
| 676 | ALL | 276504.3 | 3920451 | 1.32E-06 | 5YrCancerI | 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 |
| 677 | ALL | 275184.3 | 3920471 | 6.94E-07 | 5YrCancerI | 6.94E-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 |
| 678 | ALL | 275204.3 | 3920471 | 6.98E-07 | 5YrCancerI | 6.98E-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 |
| 679 | ALL | 275224.3 | 3920471 | 7.03E-07 | 5YrCancerI | 7.03E-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 |
| 680 | ALL | 275244.3 | 3920471 | 7.08E-07 | 5YrCancerI | 7.08E-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 |
| 681 | ALL | 275264.3 | 3920471 | 7.13E-07 | 5YrCancerI | 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 |
| 682 | ALL | 275284.3 | 3920471 | 7.17E-07 | 5YrCancerI | 7.17E-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 |
| 683 | ALL | 275304.3 | 3920471 | 7.22E-07 | 5YrCancerI | 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 |
| 684 | ALL | 275324.3 | 3920471 | 7.27E-07 | 5YrCancerI | 7.27E-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 |
| 685 | ALL | 275344.3 | 3920471 | 7.32E-07 | 5YrCancerI | 7.32E-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 |
| 686 | ALL | 275364.3 | 3920471 | 7.37E-07 | 5YrCancerI | 7.37E-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 |
| 687 | ALL | 275384.3 | 3920471 | 7.42E-07 | 5YrCancerI | 7.42E-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 |
| 688 | ALL | 275404.3 | 3920471 | 7.47E-07 | 5YrCancerI | 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 |
| 689 | ALL | 275424.3 | 3920471 | 7.52E-07 | 5YrCancerI | 7.52E-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 |
| 690 | ALL | 275444.3 | 3920471 | 7.57E-07 | 5YrCancerI | 7.57E-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 |
| 691 | ALL | 275464.3 | 3920471 | 7.63E-07 | 5YrCancerI | 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 |
| 692 | ALL | 275484.3 | 3920471 | 7.68E-07 | 5YrCancerI | 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 |
| 693 | ALL | 275504.3 | 3920471 | 7.73E-07 | 5YrCancerI | 7.73E-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 |
| 694 | ALL | 275524.3 | 3920471 | 7.79E-07 | 5YrCancerI | 7.79E-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 |
| 695 | ALL | 275544.3 | 3920471 | 7.84E-07 | 5YrCancerI | 7.84E-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 |
| 696 | ALL | 275564.3 | 3920471 | 7.90E-07 | 5YrCancerI | 7.90E-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 |
| 697 | ALL | 275584.3 | 3920471 | 7.96E-07 | 5YrCancerI | 7.96E-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 |
| 698 | ALL | 275604.3 | 3920471 | 8.02E-07 | 5YrCancerI | 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 |
| 699 | ALL | 275624.3 | 3920471 | 8.08E-07 | 5YrCancerI | 8.08E-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 |
| 700 | ALL | 275644.3 | 3920471 | 8.14E-07 | 5YrCancerI | 8.14E-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 |
| 701 | ALL | 276164.3 | 3920471 | 1.04E-06 | 5YrCancerI | 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 |
| 702 | ALL | 276184.3 | 3920471 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 703 | ALL | 276204.3 | 3920471 | 1.07E-06 | 5YrCancerI | 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 |
| 704 | ALL | 276224.3 | 3920471 | 1.08E-06 | 5YrCancerI | 1.08E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 705 | ALL | 276244.3 | 3920471 | 1.10E-06 | 5YrCancerI | 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 |
| 706 | ALL | 276264.3 | 3920471 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 707 | ALL | 276284.3 | 3920471 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 708 | ALL | 276304.3 | 3920471 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 709 | ALL | 276324.3 | 3920471 | 1.16E-06 | 5YrCancerI | 1.16E-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 |
| 710 | ALL | 276344.3 | 3920471 | 1.18E-06 | 5YrCancerI | 1.18E-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 |
| 711 | ALL | 276364.3 | 3920471 | 1.19E-06 | 5YrCancerI | 1.19E-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 |
| 712 | ALL | 276384.3 | 3920471 | 1.21E-06 | 5YrCancerI | 1.21E-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 |
| 713 | ALL | 276404.3 | 3920471 | 1.23E-06 | 5YrCancerI | 1.23E-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 |
| 714 | ALL | 276424.3 | 3920471 | 1.25E-06 | 5YrCancerI | 1.25E-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 |
| 715 | ALL | 276444.3 | 3920471 | 1.27E-06 | 5YrCancerI | 1.27E-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 |
| 716 | ALL | 276464.3 | 3920471 | 1.30E-06 | 5YrCancerI | 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 |
| 717 | ALL | 276484.3 | 3920471 | 1.32E-06 | 5YrCancerI | 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 |
| 718 | ALL | 276504.3 | 3920471 | 1.35E-06 | 5YrCancerI | 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 |
| 719 | ALL | 275184.3 | 3920491 | 6.97E-07 | 5YrCancerI | 6.97E-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 |
| 720 | ALL | 275204.3 | 3920491 | 7.02E-07 | 5YrCancerI | 7.02E-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 |
| 721 | ALL | 275224.3 | 3920491 | 7.07E-07 | 5YrCancerI | 7.07E-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 |
| 722 | ALL | 275244.3 | 3920491 | 7.12E-07 | 5YrCancerI | 7.12E-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 |
| 723 | ALL | 275264.3 | 3920491 | 7.17E-07 | 5YrCancerI | 7.17E-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 |
| 724 | ALL | 275284.3 | 3920491 | 7.22E-07 | 5YrCancerI | 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 |
| 725 | ALL | 275304.3 | 3920491 | 7.26E-07 | 5YrCancerI | 7.26E-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 |
| 726 | ALL | 275324.3 | 3920491 | 7.31E-07 | 5YrCancerI | 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 |
| 727 | ALL | 275344.3 | 3920491 | 7.36E-07 | 5YrCancerI | 7.36E-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 |
| 728 | ALL | 275364.3 | 3920491 | 7.42E-07 | 5YrCancerI | 7.42E-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 |
| 729 | ALL | 275384.3 | 3920491 | 7.47E-07 | 5YrCancerI | 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 |
| 730 | ALL | 275404.3 | 3920491 | 7.52E-07 | 5YrCancerI | 7.52E-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 |
| 731 | ALL | 275424.3 | 3920491 | 7.57E-07 | 5YrCancerI | 7.57E-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 |
| 732 | ALL | 275444.3 | 3920491 | 7.62E-07 | 5YrCancerI | 7.62E-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 |
| 733 | ALL | 275464.3 | 3920491 | 7.67E-07 | 5YrCancerI | 7.67E-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 |
| 734 | ALL | 275484.3 | 3920491 | 7.73E-07 | 5YrCancerI | 7.73E-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 |
| 735 | ALL | 275504.3 | 3920491 | 7.78E-07 | 5YrCancerI | 7.78E-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 |
| 736 | ALL | 275524.3 | 3920491 | 7.84E-07 | 5YrCancerI | 7.84E-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 |
| 737 | ALL | 275544.3 | 3920491 | 7.89E-07 | 5YrCancerI | 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 |
| 738 | ALL | 275564.3 | 3920491 | 7.95E-07 | 5YrCancerI | 7.95E-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 |
| 739 | ALL | 275584.3 | 3920491 | 8.01E-07 | 5YrCancerI | 8.01E-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 |
| 740 | ALL | 276164.3 | 3920491 | 1.05E-06 | 5YrCancerI | 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 |
| 741 | ALL | 276184.3 | 3920491 | 1.07E-06 | 5YrCancerI | 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 |
| 742 | ALL | 276204.3 | 3920491 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 743 | ALL | 276224.3 | 3920491 | 1.10E-06 | 5YrCancerI | 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 |
| 744 | ALL | 276244.3 | 3920491 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 745 | ALL | 276264.3 | 3920491 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 746 | ALL | 276284.3 | 3920491 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 747 | ALL | 276304.3 | 3920491 | 1.16E-06 | 5YrCancerI | 1.16E-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 |
| 748 | ALL | 276324.3 | 3920491 | 1.17E-06 | 5YrCancerI | 1.17E-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 |
| 749 | ALL | 276344.3 | 3920491 | 1.19E-06 | 5YrCancerI | 1.19E-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 |
| 750 | ALL | 276364.3 | 3920491 | 1.21E-06 | 5YrCancerI | 1.21E-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 |
| 751 | ALL | 276384.3 | 3920491 | 1.23E-06 | 5YrCancerI | 1.23E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 752 | ALL | 276404.3 | 3920491 | 1.25E-06 | 5YrCancerI | 1.25E-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 |
| 753 | ALL | 276424.3 | 3920491 | 1.27E-06 | 5YrCancerI | 1.27E-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 |
| 754 | ALL | 276444.3 | 3920491 | 1.29E-06 | 5YrCancerI | 1.29E-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 |
| 755 | ALL | 276464.3 | 3920491 | 1.32E-06 | 5YrCancerI | 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 |
| 756 | ALL | 276484.3 | 3920491 | 1.34E-06 | 5YrCancerI | 1.34E-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 |
| 757 | ALL | 276504.3 | 3920491 | 1.37E-06 | 5YrCancerI | 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 |
| 758 | ALL | 275204.3 | 3920511 | 7.06E-07 | 5YrCancerI | 7.06E-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 |
| 759 | ALL | 275224.3 | 3920511 | 7.11E-07 | 5YrCancerI | 7.11E-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 |
| 760 | ALL | 275244.3 | 3920511 | 7.16E-07 | 5YrCancerI | 7.16E-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 |
| 761 | ALL | 275264.3 | 3920511 | 7.21E-07 | 5YrCancerI | 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 |
| 762 | ALL | 275284.3 | 3920511 | 7.26E-07 | 5YrCancerI | 7.26E-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 |
| 763 | ALL | 275304.3 | 3920511 | 7.31E-07 | 5YrCancerI | 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 |
| 764 | ALL | 275324.3 | 3920511 | 7.36E-07 | 5YrCancerI | 7.36E-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 |
| 765 | ALL | 275344.3 | 3920511 | 7.41E-07 | 5YrCancerI | 7.41E-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 |
| 766 | ALL | 275364.3 | 3920511 | 7.46E-07 | 5YrCancerI | 7.46E-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 |
| 767 | ALL | 275384.3 | 3920511 | 7.51E-07 | 5YrCancerI | 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 |
| 768 | ALL | 275404.3 | 3920511 | 7.56E-07 | 5YrCancerI | 7.56E-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 |
| 769 | ALL | 275424.3 | 3920511 | 7.62E-07 | 5YrCancerI | 7.62E-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 |
| 770 | ALL | 275444.3 | 3920511 | 7.67E-07 | 5YrCancerI | 7.67E-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 |
| 771 | ALL | 275464.3 | 3920511 | 7.72E-07 | 5YrCancerI | 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 |
| 772 | ALL | 275484.3 | 3920511 | 7.78E-07 | 5YrCancerI | 7.78E-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 |
| 773 | ALL | 275504.3 | 3920511 | 7.83E-07 | 5YrCancerI | 7.83E-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 |
| 774 | ALL | 275524.3 | 3920511 | 7.89E-07 | 5YrCancerI | 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 |
| 775 | ALL | 276164.3 | 3920511 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 776 | ALL | 276184.3 | 3920511 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 777 | ALL | 276204.3 | 3920511 | 1.09E-06 | 5YrCancerI | 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 |
| 778 | ALL | 276224.3 | 3920511 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 779 | ALL | 276244.3 | 3920511 | 1.12E-06 | 5YrCancerI | 1.12E-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 |
| 780 | ALL | 276264.3 | 3920511 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 781 | ALL | 276284.3 | 3920511 | 1.15E-06 | 5YrCancerI | 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 |
| 782 | ALL | 276304.3 | 3920511 | 1.17E-06 | 5YrCancerI | 1.17E-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 |
| 783 | ALL | 276324.3 | 3920511 | 1.19E-06 | 5YrCancerI | 1.19E-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 |
| 784 | ALL | 276344.3 | 3920511 | 1.21E-06 | 5YrCancerI | 1.21E-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 |
| 785 | ALL | 276364.3 | 3920511 | 1.23E-06 | 5YrCancerI | 1.23E-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 |
| 786 | ALL | 276384.3 | 3920511 | 1.25E-06 | 5YrCancerI | 1.25E-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 |
| 787 | ALL | 276404.3 | 3920511 | 1.27E-06 | 5YrCancerI | 1.27E-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 |
| 788 | ALL | 276424.3 | 3920511 | 1.29E-06 | 5YrCancerI | 1.29E-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 |
| 789 | ALL | 276444.3 | 3920511 | 1.32E-06 | 5YrCancerI | 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 |
| 790 | ALL | 276464.3 | 3920511 | 1.34E-06 | 5YrCancerI | 1.34E-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 |
| 791 | ALL | 276484.3 | 3920511 | 1.37E-06 | 5YrCancerI | 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 |
| 792 | ALL | 276504.3 | 3920511 | 1.39E-06 | 5YrCancerI | 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 |
| 793 | ALL | 275204.3 | 3920531 | 7.10E-07 | 5YrCancerI | 7.10E-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 |
| 794 | ALL | 275224.3 | 3920531 | 7.15E-07 | 5YrCancerI | 7.15E-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 |
| 795 | ALL | 275244.3 | 3920531 | 7.20E-07 | 5YrCancerI | 7.20E-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 |
| 796 | ALL | 275264.3 | 3920531 | 7.25E-07 | 5YrCancerI | 7.25E-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 |
| 797 | ALL | 275284.3 | 3920531 | 7.30E-07 | 5YrCancerI | 7.30E-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 |
| 798 | ALL | 275304.3 | 3920531 | 7.35E-07 | 5YrCancerI | 7.35E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 799 | ALL | 275324.3 | 3920531 | 7.40E-07 | 5YrCancerI | 7.40E-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 |
| 800 | ALL | 275344.3 | 3920531 | 7.45E-07 | 5YrCancerI | 7.45E-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 |
| 801 | ALL | 275364.3 | 3920531 | 7.50E-07 | 5YrCancerI | 7.50E-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 |
| 802 | ALL | 275384.3 | 3920531 | 7.56E-07 | 5YrCancerI | 7.56E-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 |
| 803 | ALL | 275404.3 | 3920531 | 7.61E-07 | 5YrCancerI | 7.61E-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 |
| 804 | ALL | 275424.3 | 3920531 | 7.66E-07 | 5YrCancerI | 7.66E-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 |
| 805 | ALL | 275444.3 | 3920531 | 7.72E-07 | 5YrCancerI | 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 |
| 806 | ALL | 275464.3 | 3920531 | 7.77E-07 | 5YrCancerI | 7.77E-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 |
| 807 | ALL | 276164.3 | 3920531 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 808 | ALL | 276184.3 | 3920531 | 1.09E-06 | 5YrCancerI | 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 |
| 809 | ALL | 276204.3 | 3920531 | 1.10E-06 | 5YrCancerI | 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 |
| 810 | ALL | 276224.3 | 3920531 | 1.12E-06 | 5YrCancerI | 1.12E-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 |
| 811 | ALL | 276244.3 | 3920531 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 812 | ALL | 276264.3 | 3920531 | 1.15E-06 | 5YrCancerI | 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 |
| 813 | ALL | 276284.3 | 3920531 | 1.17E-06 | 5YrCancerI | 1.17E-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 |
| 814 | ALL | 276304.3 | 3920531 | 1.19E-06 | 5YrCancerI | 1.19E-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 |
| 815 | ALL | 276324.3 | 3920531 | 1.21E-06 | 5YrCancerI | 1.21E-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 |
| 816 | ALL | 276344.3 | 3920531 | 1.22E-06 | 5YrCancerI | 1.22E-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 |
| 817 | ALL | 276364.3 | 3920531 | 1.25E-06 | 5YrCancerI | 1.25E-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 |
| 818 | ALL | 276384.3 | 3920531 | 1.27E-06 | 5YrCancerI | 1.27E-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 |
| 819 | ALL | 276404.3 | 3920531 | 1.29E-06 | 5YrCancerI | 1.29E-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 |
| 820 | ALL | 276424.3 | 3920531 | 1.31E-06 | 5YrCancerI | 1.31E-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 |
| 821 | ALL | 276444.3 | 3920531 | 1.34E-06 | 5YrCancerI | 1.34E-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 |
| 822 | ALL | 276464.3 | 3920531 | 1.36E-06 | 5YrCancerI | 1.36E-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 |
| 823 | ALL | 276484.3 | 3920531 | 1.39E-06 | 5YrCancerI | 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 |
| 824 | ALL | 276504.3 | 3920531 | 1.42E-06 | 5YrCancerI | 1.42E-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 |
| 825 | ALL | 275224.3 | 3920551 | 7.19E-07 | 5YrCancerI | 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 |
| 826 | ALL | 275244.3 | 3920551 | 7.24E-07 | 5YrCancerI | 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 |
| 827 | ALL | 275264.3 | 3920551 | 7.29E-07 | 5YrCancerI | 7.29E-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 |
| 828 | ALL | 275284.3 | 3920551 | 7.34E-07 | 5YrCancerI | 7.34E-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 |
| 829 | ALL | 275304.3 | 3920551 | 7.39E-07 | 5YrCancerI | 7.39E-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 |
| 830 | ALL | 275324.3 | 3920551 | 7.44E-07 | 5YrCancerI | 7.44E-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 |
| 831 | ALL | 275344.3 | 3920551 | 7.50E-07 | 5YrCancerI | 7.50E-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 |
| 832 | ALL | 275364.3 | 3920551 | 7.55E-07 | 5YrCancerI | 7.55E-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 |
| 833 | ALL | 275384.3 | 3920551 | 7.60E-07 | 5YrCancerI | 7.60E-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 |
| 834 | ALL | 275404.3 | 3920551 | 7.66E-07 | 5YrCancerI | 7.66E-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 |
| 835 | ALL | 275424.3 | 3920551 | 7.71E-07 | 5YrCancerI | 7.71E-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 |
| 836 | ALL | 276164.3 | 3920551 | 1.09E-06 | 5YrCancerI | 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 |
| 837 | ALL | 276184.3 | 3920551 | 1.10E-06 | 5YrCancerI | 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 |
| 838 | ALL | 276204.3 | 3920551 | 1.12E-06 | 5YrCancerI | 1.12E-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 |
| 839 | ALL | 276224.3 | 3920551 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 840 | ALL | 276244.3 | 3920551 | 1.15E-06 | 5YrCancerI | 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 |
| 841 | ALL | 276264.3 | 3920551 | 1.17E-06 | 5YrCancerI | 1.17E-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 |
| 842 | ALL | 276284.3 | 3920551 | 1.18E-06 | 5YrCancerI | 1.18E-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 |
| 843 | ALL | 276304.3 | 3920551 | 1.20E-06 | 5YrCancerI | 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 |
| 844 | ALL | 276324.3 | 3920551 | 1.22E-06 | 5YrCancerI | 1.22E-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 |
| 845 | ALL | 276344.3 | 3920551 | 1.24E-06 | 5YrCancerI | 1.24E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 846 | ALL | 276364.3 | 3920551 | 1.26E-06 | 5YrCancerI | 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 |
| 847 | ALL | 276384.3 | 3920551 | 1.29E-06 | 5YrCancerI | 1.29E-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 |
| 848 | ALL | 276404.3 | 3920551 | 1.31E-06 | 5YrCancerI | 1.31E-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 |
| 849 | ALL | 276424.3 | 3920551 | 1.34E-06 | 5YrCancerI | 1.34E-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 |
| 850 | ALL | 276444.3 | 3920551 | 1.36E-06 | 5YrCancerI | 1.36E-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 |
| 851 | ALL | 276464.3 | 3920551 | 1.39E-06 | 5YrCancerI | 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 |
| 852 | ALL | 276484.3 | 3920551 | 1.42E-06 | 5YrCancerI | 1.42E-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 |
| 853 | ALL | 276504.3 | 3920551 | 1.45E-06 | 5YrCancerI | 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 |
| 854 | ALL | 275224.3 | 3920571 | 7.23E-07 | 5YrCancerI | 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 |
| 855 | ALL | 275244.3 | 3920571 | 7.28E-07 | 5YrCancerI | 7.28E-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 |
| 856 | ALL | 275264.3 | 3920571 | 7.33E-07 | 5YrCancerI | 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 |
| 857 | ALL | 275284.3 | 3920571 | 7.38E-07 | 5YrCancerI | 7.38E-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 |
| 858 | ALL | 275304.3 | 3920571 | 7.44E-07 | 5YrCancerI | 7.44E-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 |
| 859 | ALL | 275324.3 | 3920571 | 7.49E-07 | 5YrCancerI | 7.49E-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 |
| 860 | ALL | 275344.3 | 3920571 | 7.54E-07 | 5YrCancerI | 7.54E-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 |
| 861 | ALL | 275364.3 | 3920571 | 7.60E-07 | 5YrCancerI | 7.60E-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 |
| 862 | ALL | 276164.3 | 3920571 | 1.10E-06 | 5YrCancerI | 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 |
| 863 | ALL | 276184.3 | 3920571 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 864 | ALL | 276204.3 | 3920571 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 865 | ALL | 276224.3 | 3920571 | 1.15E-06 | 5YrCancerI | 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 |
| 866 | ALL | 276244.3 | 3920571 | 1.16E-06 | 5YrCancerI | 1.16E-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 |
| 867 | ALL | 276264.3 | 3920571 | 1.18E-06 | 5YrCancerI | 1.18E-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 |
| 868 | ALL | 276284.3 | 3920571 | 1.20E-06 | 5YrCancerI | 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 |
| 869 | ALL | 276304.3 | 3920571 | 1.22E-06 | 5YrCancerI | 1.22E-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 |
| 870 | ALL | 276324.3 | 3920571 | 1.24E-06 | 5YrCancerI | 1.24E-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 |
| 871 | ALL | 276344.3 | 3920571 | 1.26E-06 | 5YrCancerI | 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 |
| 872 | ALL | 276364.3 | 3920571 | 1.28E-06 | 5YrCancerI | 1.28E-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 |
| 873 | ALL | 276384.3 | 3920571 | 1.31E-06 | 5YrCancerI | 1.31E-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 |
| 874 | ALL | 276404.3 | 3920571 | 1.33E-06 | 5YrCancerI | 1.33E-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 |
| 875 | ALL | 276424.3 | 3920571 | 1.36E-06 | 5YrCancerI | 1.36E-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 |
| 876 | ALL | 276444.3 | 3920571 | 1.39E-06 | 5YrCancerI | 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 |
| 877 | ALL | 276464.3 | 3920571 | 1.42E-06 | 5YrCancerI | 1.42E-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 |
| 878 | ALL | 276484.3 | 3920571 | 1.45E-06 | 5YrCancerI | 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 |
| 879 | ALL | 276504.3 | 3920571 | 1.48E-06 | 5YrCancerI | 1.48E-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 |
| 880 | ALL | 275264.3 | 3920591 | 7.37E-07 | 5YrCancerI | 7.37E-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 |
| 881 | ALL | 275284.3 | 3920591 | 7.43E-07 | 5YrCancerI | 7.43E-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 |
| 882 | ALL | 275304.3 | 3920591 | 7.48E-07 | 5YrCancerI | 7.48E-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 |
| 883 | ALL | 276164.3 | 3920591 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 884 | ALL | 276184.3 | 3920591 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 885 | ALL | 276204.3 | 3920591 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 886 | ALL | 276224.3 | 3920591 | 1.16E-06 | 5YrCancerI | 1.16E-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 |
| 887 | ALL | 276244.3 | 3920591 | 1.18E-06 | 5YrCancerI | 1.18E-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 |
| 888 | ALL | 276264.3 | 3920591 | 1.20E-06 | 5YrCancerI | 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 |
| 889 | ALL | 276284.3 | 3920591 | 1.22E-06 | 5YrCancerI | 1.22E-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 |
| 890 | ALL | 276304.3 | 3920591 | 1.24E-06 | 5YrCancerI | 1.24E-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 |
| 891 | ALL | 276324.3 | 3920591 | 1.26E-06 | 5YrCancerI | 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 |
| 892 | ALL | 276344.3 | 3920591 | 1.28E-06 | 5YrCancerI | 1.28E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 893 | ALL | 276364.3 | 3920591 | 1.30E-06 | 5YrCancerI | 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 |
| 894 | ALL | 276384.3 | 3920591 | 1.33E-06 | 5YrCancerI | 1.33E-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 |
| 895 | ALL | 276404.3 | 3920591 | 1.36E-06 | 5YrCancerI | 1.36E-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 |
| 896 | ALL | 276424.3 | 3920591 | 1.38E-06 | 5YrCancerI | 1.38E-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 |
| 897 | ALL | 276444.3 | 3920591 | 1.41E-06 | 5YrCancerI | 1.41E-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 |
| 898 | ALL | 276464.3 | 3920591 | 1.45E-06 | 5YrCancerI | 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 |
| 899 | ALL | 276484.3 | 3920591 | 1.48E-06 | 5YrCancerI | 1.48E-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 |
| 900 | ALL | 276504.3 | 3920591 | 1.52E-06 | 5YrCancerI | 1.52E-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 |
| 901 | ALL | 276164.3 | 3920611 | 1.12E-06 | 5YrCancerI | 1.12E-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 |
| 902 | ALL | 276184.3 | 3920611 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 903 | ALL | 276204.3 | 3920611 | 1.16E-06 | 5YrCancerI | 1.16E-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 |
| 904 | ALL | 289218.4 | 3919732 | 8.27E-07 | 5YrCancerI | 8.27E-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 |
| 905 | ALL | 289268.4 | 3919732 | 8.18E-07 | 5YrCancerI | 8.18E-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 |
| 906 | ALL | 289318.4 | 3919732 | 8.09E-07 | 5YrCancerI | 8.09E-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 |
| 907 | ALL | 289368.4 | 3919732 | 8.00E-07 | 5YrCancerI | 8.00E-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 |
| 908 | ALL | 289418.4 | 3919732 | 7.91E-07 | 5YrCancerI | 7.91E-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 |
| 909 | ALL | 289468.4 | 3919732 | 7.82E-07 | 5YrCancerI | 7.82E-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 |
| 910 | ALL | 289518.4 | 3919732 | 7.73E-07 | 5YrCancerI | 7.73E-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 |
| 911 | ALL | 289568.4 | 3919732 | 7.64E-07 | 5YrCancerI | 7.64E-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 |
| 912 | ALL | 289618.4 | 3919732 | 7.55E-07 | 5YrCancerI | 7.55E-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 |
| 913 | ALL | 289668.4 | 3919732 | 7.47E-07 | 5YrCancerI | 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 |
| 914 | ALL | 289718.4 | 3919732 | 7.38E-07 | 5YrCancerI | 7.38E-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 |
| 915 | ALL | 289768.4 | 3919732 | 7.30E-07 | 5YrCancerI | 7.30E-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 |
| 916 | ALL | 289818.4 | 3919732 | 7.22E-07 | 5YrCancerI | 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 |
| 917 | ALL | 289868.4 | 3919732 | 7.14E-07 | 5YrCancerI | 7.14E-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 |
| 918 | ALL | 289918.4 | 3919732 | 7.06E-07 | 5YrCancerI | 7.06E-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 |
| 919 | ALL | 289968.4 | 3919732 | 6.98E-07 | 5YrCancerI | 6.98E-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 |
| 920 | ALL | 290018.4 | 3919732 | 6.90E-07 | 5YrCancerI | 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 |
| 921 | ALL | 290068.4 | 3919732 | 6.82E-07 | 5YrCancerI | 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 |
| 922 | ALL | 290118.4 | 3919732 | 6.75E-07 | 5YrCancerI | 6.75E-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 |
| 923 | ALL | 290168.4 | 3919732 | 6.68E-07 | 5YrCancerI | 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 |
| 924 | ALL | 290218.4 | 3919732 | 6.61E-07 | 5YrCancerI | 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 |
| 925 | ALL | 290268.4 | 3919732 | 6.54E-07 | 5YrCancerI | 6.54E-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 |
| 926 | ALL | 290318.4 | 3919732 | 6.47E-07 | 5YrCancerI | 6.47E-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 |
| 927 | ALL | 290368.4 | 3919732 | 6.40E-07 | 5YrCancerI | 6.40E-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 |
| 928 | ALL | 290418.4 | 3919732 | 6.34E-07 | 5YrCancerI | 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 |
| 929 | ALL | 290468.4 | 3919732 | 6.27E-07 | 5YrCancerI | 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 |
| 930 | ALL | 290518.4 | 3919732 | 6.21E-07 | 5YrCancerI | 6.21E-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 |
| 931 | ALL | 290568.4 | 3919732 | 6.14E-07 | 5YrCancerI | 6.14E-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 |
| 932 | ALL | 290618.4 | 3919732 | 6.08E-07 | 5YrCancerI | 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 |
| 933 | ALL | 289018.4 | 3919782 | 8.78E-07 | 5YrCancerI | 8.78E-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 |
| 934 | ALL | 289068.4 | 3919782 | 8.67E-07 | 5YrCancerI | 8.67E-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 |
| 935 | ALL | 289118.4 | 3919782 | 8.57E-07 | 5YrCancerI | 8.57E-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 |
| 936 | ALL | 289168.4 | 3919782 | 8.47E-07 | 5YrCancerI | 8.47E-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 |
| 937 | ALL | 289218.4 | 3919782 | 8.37E-07 | 5YrCancerI | 8.37E-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 |
| 938 | ALL | 289268.4 | 3919782 | 8.27E-07 | 5YrCancerI | 8.27E-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 |
| 939 | ALL | 289318.4 | 3919782 | 8.17E-07 | 5YrCancerI | 8.17E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 940 | ALL | 289368.4 | 3919782 | 8.08E-07 | 5YrCancerI | 8.08E-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 |
| 941 | ALL | 289418.4 | 3919782 | 7.99E-07 | 5YrCancerI | 7.99E-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 |
| 942 | ALL | 289468.4 | 3919782 | 7.89E-07 | 5YrCancerI | 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 |
| 943 | ALL | 289518.4 | 3919782 | 7.80E-07 | 5YrCancerI | 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 |
| 944 | ALL | 289568.4 | 3919782 | 7.71E-07 | 5YrCancerI | 7.71E-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 |
| 945 | ALL | 289618.4 | 3919782 | 7.62E-07 | 5YrCancerI | 7.62E-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 |
| 946 | ALL | 289668.4 | 3919782 | 7.53E-07 | 5YrCancerI | 7.53E-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 |
| 947 | ALL | 289718.4 | 3919782 | 7.45E-07 | 5YrCancerI | 7.45E-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 |
| 948 | ALL | 289768.4 | 3919782 | 7.36E-07 | 5YrCancerI | 7.36E-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 |
| 949 | ALL | 289818.4 | 3919782 | 7.28E-07 | 5YrCancerI | 7.28E-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 |
| 950 | ALL | 289868.4 | 3919782 | 7.20E-07 | 5YrCancerI | 7.20E-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 |
| 951 | ALL | 289918.4 | 3919782 | 7.11E-07 | 5YrCancerI | 7.11E-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 |
| 952 | ALL | 289968.4 | 3919782 | 7.03E-07 | 5YrCancerI | 7.03E-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 |
| 953 | ALL | 290018.4 | 3919782 | 6.95E-07 | 5YrCancerI | 6.95E-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 |
| 954 | ALL | 290068.4 | 3919782 | 6.87E-07 | 5YrCancerI | 6.87E-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 |
| 955 | ALL | 290118.4 | 3919782 | 6.80E-07 | 5YrCancerI | 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 |
| 956 | ALL | 290168.4 | 3919782 | 6.73E-07 | 5YrCancerI | 6.73E-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 |
| 957 | ALL | 290218.4 | 3919782 | 6.65E-07 | 5YrCancerI | 6.65E-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 |
| 958 | ALL | 290268.4 | 3919782 | 6.58E-07 | 5YrCancerI | 6.58E-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 |
| 959 | ALL | 290318.4 | 3919782 | 6.51E-07 | 5YrCancerI | 6.51E-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 |
| 960 | ALL | 290368.4 | 3919782 | 6.45E-07 | 5YrCancerI | 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 |
| 961 | ALL | 290418.4 | 3919782 | 6.38E-07 | 5YrCancerI | 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 |
| 962 | ALL | 290468.4 | 3919782 | 6.31E-07 | 5YrCancerI | 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 |
| 963 | ALL | 290518.4 | 3919782 | 6.25E-07 | 5YrCancerI | 6.25E-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 |
| 964 | ALL | 290568.4 | 3919782 | 6.18E-07 | 5YrCancerI | 6.18E-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 |
| 965 | ALL | 290618.4 | 3919782 | 6.11E-07 | 5YrCancerI | 6.11E-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 |
| 966 | ALL | 289068.4 | 3919832 | 8.78E-07 | 5YrCancerI | 8.78E-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 |
| 967 | ALL | 289118.4 | 3919832 | 8.67E-07 | 5YrCancerI | 8.67E-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 |
| 968 | ALL | 289168.4 | 3919832 | 8.57E-07 | 5YrCancerI | 8.57E-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 |
| 969 | ALL | 289218.4 | 3919832 | 8.46E-07 | 5YrCancerI | 8.46E-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 |
| 970 | ALL | 289268.4 | 3919832 | 8.36E-07 | 5YrCancerI | 8.36E-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 |
| 971 | ALL | 289318.4 | 3919832 | 8.26E-07 | 5YrCancerI | 8.26E-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 |
| 972 | ALL | 289368.4 | 3919832 | 8.16E-07 | 5YrCancerI | 8.16E-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 |
| 973 | ALL | 289418.4 | 3919832 | 8.06E-07 | 5YrCancerI | 8.06E-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 |
| 974 | ALL | 289468.4 | 3919832 | 7.97E-07 | 5YrCancerI | 7.97E-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 |
| 975 | ALL | 289518.4 | 3919832 | 7.87E-07 | 5YrCancerI | 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 |
| 976 | ALL | 289568.4 | 3919832 | 7.78E-07 | 5YrCancerI | 7.78E-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 |
| 977 | ALL | 289618.4 | 3919832 | 7.69E-07 | 5YrCancerI | 7.69E-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 |
| 978 | ALL | 289668.4 | 3919832 | 7.60E-07 | 5YrCancerI | 7.60E-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 |
| 979 | ALL | 289718.4 | 3919832 | 7.51E-07 | 5YrCancerI | 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 |
| 980 | ALL | 289768.4 | 3919832 | 7.42E-07 | 5YrCancerI | 7.42E-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 |
| 981 | ALL | 289818.4 | 3919832 | 7.33E-07 | 5YrCancerI | 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 |
| 982 | ALL | 289868.4 | 3919832 | 7.25E-07 | 5YrCancerI | 7.25E-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 |
| 983 | ALL | 289918.4 | 3919832 | 7.16E-07 | 5YrCancerI | 7.16E-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 |
| 984 | ALL | 289968.4 | 3919832 | 7.08E-07 | 5YrCancerI | 7.08E-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 |
| 985 | ALL | 290018.4 | 3919832 | 7.00E-07 | 5YrCancerI | 7.00E-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 |
| 986 | ALL | 290068.4 | 3919832 | 6.93E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 987 | ALL | 290118.4 | 3919832 | 6.85E-07 | 5YrCancerI | 6.85E-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 |
| 988 | ALL | 290168.4 | 3919832 | 6.77E-07 | 5YrCancerI | 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 |
| 989 | ALL | 290218.4 | 3919832 | 6.70E-07 | 5YrCancerI | 6.70E-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 |
| 990 | ALL | 290268.4 | 3919832 | 6.62E-07 | 5YrCancerI | 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 |
| 991 | ALL | 290318.4 | 3919832 | 6.55E-07 | 5YrCancerI | 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 |
| 992 | ALL | 290368.4 | 3919832 | 6.48E-07 | 5YrCancerI | 6.48E-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 |
| 993 | ALL | 290418.4 | 3919832 | 6.42E-07 | 5YrCancerI | 6.42E-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 |
| 994 | ALL | 290468.4 | 3919832 | 6.35E-07 | 5YrCancerI | 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 |
| 995 | ALL | 290518.4 | 3919832 | 6.28E-07 | 5YrCancerI | 6.28E-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 |
| 996 | ALL | 290568.4 | 3919832 | 6.21E-07 | 5YrCancerI | 6.21E-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 |
| 997 | ALL | 290618.4 | 3919832 | 6.14E-07 | 5YrCancerI | 6.14E-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 |
| 998 | ALL | 289068.4 | 3919882 | 8.88E-07 | 5YrCancerI | 8.88E-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 |
| 999 | ALL | 289118.4 | 3919882 | 8.77E-07 | 5YrCancerI | 8.77E-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 |
| 1000 | ALL | 289168.4 | 3919882 | 8.66E-07 | 5YrCancerI | 8.66E-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 |
| 1001 | ALL | 289218.4 | 3919882 | 8.56E-07 | 5YrCancerI | 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 |
| 1002 | ALL | 289268.4 | 3919882 | 8.45E-07 | 5YrCancerI | 8.45E-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 |
| 1003 | ALL | 289318.4 | 3919882 | 8.35E-07 | 5YrCancerI | 8.35E-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 |
| 1004 | ALL | 289368.4 | 3919882 | 8.25E-07 | 5YrCancerI | 8.25E-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 |
| 1005 | ALL | 289418.4 | 3919882 | 8.14E-07 | 5YrCancerI | 8.14E-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 |
| 1006 | ALL | 289468.4 | 3919882 | 8.05E-07 | 5YrCancerI | 8.05E-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 |
| 1007 | ALL | 289518.4 | 3919882 | 7.95E-07 | 5YrCancerI | 7.95E-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 |
| 1008 | ALL | 289568.4 | 3919882 | 7.85E-07 | 5YrCancerI | 7.85E-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 |
| 1009 | ALL | 289618.4 | 3919882 | 7.76E-07 | 5YrCancerI | 7.76E-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 |
| 1010 | ALL | 289668.4 | 3919882 | 7.66E-07 | 5YrCancerI | 7.66E-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 |
| 1011 | ALL | 289718.4 | 3919882 | 7.57E-07 | 5YrCancerI | 7.57E-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 |
| 1012 | ALL | 289768.4 | 3919882 | 7.48E-07 | 5YrCancerI | 7.48E-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 |
| 1013 | ALL | 289818.4 | 3919882 | 7.39E-07 | 5YrCancerI | 7.39E-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 |
| 1014 | ALL | 289868.4 | 3919882 | 7.30E-07 | 5YrCancerI | 7.30E-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 |
| 1015 | ALL | 289918.4 | 3919882 | 7.21E-07 | 5YrCancerI | 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 |
| 1016 | ALL | 289968.4 | 3919882 | 7.13E-07 | 5YrCancerI | 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 |
| 1017 | ALL | 290018.4 | 3919882 | 7.06E-07 | 5YrCancerI | 7.06E-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 |
| 1018 | ALL | 290068.4 | 3919882 | 6.98E-07 | 5YrCancerI | 6.98E-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 |
| 1019 | ALL | 290118.4 | 3919882 | 6.90E-07 | 5YrCancerI | 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 |
| 1020 | ALL | 290168.4 | 3919882 | 6.82E-07 | 5YrCancerI | 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 |
| 1021 | ALL | 290218.4 | 3919882 | 6.74E-07 | 5YrCancerI | 6.74E-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 |
| 1022 | ALL | 290268.4 | 3919882 | 6.67E-07 | 5YrCancerI | 6.67E-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 |
| 1023 | ALL | 290318.4 | 3919882 | 6.59E-07 | 5YrCancerI | 6.59E-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 |
| 1024 | ALL | 290368.4 | 3919882 | 6.52E-07 | 5YrCancerI | 6.52E-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 |
| 1025 | ALL | 290418.4 | 3919882 | 6.45E-07 | 5YrCancerI | 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 |
| 1026 | ALL | 290468.4 | 3919882 | 6.38E-07 | 5YrCancerI | 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 |
| 1027 | ALL | 290518.4 | 3919882 | 6.31E-07 | 5YrCancerI | 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 |
| 1028 | ALL | 290568.4 | 3919882 | 6.24E-07 | 5YrCancerI | 6.24E-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 |
| 1029 | ALL | 290618.4 | 3919882 | 6.18E-07 | 5YrCancerI | 6.18E-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 |
| 1030 | ALL | 289068.4 | 3919932 | 8.99E-07 | 5YrCancerI | 8.99E-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 |
| 1031 | ALL | 289118.4 | 3919932 | 8.88E-07 | 5YrCancerI | 8.88E-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 |
| 1032 | ALL | 289168.4 | 3919932 | 8.76E-07 | 5YrCancerI | 8.76E-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 |
| 1033 | ALL | 289218.4 | 3919932 | 8.65E-07 | 5YrCancerI | 8.65E-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 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1034 | ALL | 289268.4 | 3919932 | 8.54E-07 | 5YrCancerI | 8.54E-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 | 0.00E+00 |
| 1035 | ALL | 289318.4 | 3919932 | 8.43E-07 | 5YrCancerI | 8.43E-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 | 0.00E+00 |
| 1036 | ALL | 289368.4 | 3919932 | 8.33E-07 | 5YrCancerI | 8.33E-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 | 0.00E+00 |
| 1037 | ALL | 289418.4 | 3919932 | 8.22E-07 | 5YrCancerI | 8.22E-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 | 0.00E+00 |
| 1038 | ALL | 289468.4 | 3919932 | 8.12E-07 | 5YrCancerI | 8.12E-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 | 0.00E+00 |
| 1039 | ALL | 289518.4 | 3919932 | 8.02E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1040 | ALL | 289568.4 | 3919932 | 7.92E-07 | 5YrCancerI | 7.92E-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 | 0.00E+00 |
| 1041 | ALL | 289618.4 | 3919932 | 7.82E-07 | 5YrCancerI | 7.82E-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 | 0.00E+00 |
| 1042 | ALL | 289668.4 | 3919932 | 7.73E-07 | 5YrCancerI | 7.73E-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 | 0.00E+00 |
| 1043 | ALL | 289718.4 | 3919932 | 7.63E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1044 | ALL | 289768.4 | 3919932 | 7.54E-07 | 5YrCancerI | 7.54E-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 | 0.00E+00 |
| 1045 | ALL | 289818.4 | 3919932 | 7.45E-07 | 5YrCancerI | 7.45E-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 | 0.00E+00 |
| 1046 | ALL | 289868.4 | 3919932 | 7.36E-07 | 5YrCancerI | 7.36E-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 | 0.00E+00 |
| 1047 | ALL | 289918.4 | 3919932 | 7.27E-07 | 5YrCancerI | 7.27E-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 | 0.00E+00 |
| 1048 | ALL | 289968.4 | 3919932 | 7.19E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1049 | ALL | 290018.4 | 3919932 | 7.12E-07 | 5YrCancerI | 7.12E-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 | 0.00E+00 |
| 1050 | ALL | 290068.4 | 3919932 | 7.04E-07 | 5YrCancerI | 7.04E-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 | 0.00E+00 |
| 1051 | ALL | 290118.4 | 3919932 | 6.95E-07 | 5YrCancerI | 6.95E-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 | 0.00E+00 |
| 1052 | ALL | 290168.4 | 3919932 | 6.87E-07 | 5YrCancerI | 6.87E-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 | 0.00E+00 |
| 1053 | ALL | 290218.4 | 3919932 | 6.79E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1054 | ALL | 290268.4 | 3919932 | 6.71E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1055 | ALL | 290318.4 | 3919932 | 6.63E-07 | 5YrCancerI | 6.63E-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 | 0.00E+00 |
| 1056 | ALL | 290368.4 | 3919932 | 6.56E-07 | 5YrCancerI | 6.56E-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 | 0.00E+00 |
| 1057 | ALL | 290418.4 | 3919932 | 6.49E-07 | 5YrCancerI | 6.49E-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 | 0.00E+00 |
| 1058 | ALL | 290468.4 | 3919932 | 6.42E-07 | 5YrCancerI | 6.42E-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 | 0.00E+00 |
| 1059 | ALL | 290518.4 | 3919932 | 6.34E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1060 | ALL | 290568.4 | 3919932 | 6.27E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1061 | ALL | 290618.4 | 3919932 | 6.21E-07 | 5YrCancerI | 6.21E-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 | 0.00E+00 |
| 1062 | ALL | 289068.4 | 3919982 | 9.10E-07 | 5YrCancerI | 9.10E-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 | 0.00E+00 |
| 1063 | ALL | 289118.4 | 3919982 | 8.98E-07 | 5YrCancerI | 8.98E-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 | 0.00E+00 |
| 1064 | ALL | 289168.4 | 3919982 | 8.86E-07 | 5YrCancerI | 8.86E-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 | 0.00E+00 |
| 1065 | ALL | 289218.4 | 3919982 | 8.75E-07 | 5YrCancerI | 8.75E-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 | 0.00E+00 |
| 1066 | ALL | 289268.4 | 3919982 | 8.63E-07 | 5YrCancerI | 8.63E-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 | 0.00E+00 |
| 1067 | ALL | 289318.4 | 3919982 | 8.52E-07 | 5YrCancerI | 8.52E-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 | 0.00E+00 |
| 1068 | ALL | 289368.4 | 3919982 | 8.41E-07 | 5YrCancerI | 8.41E-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 | 0.00E+00 |
| 1069 | ALL | 289418.4 | 3919982 | 8.30E-07 | 5YrCancerI | 8.30E-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 | 0.00E+00 |
| 1070 | ALL | 289468.4 | 3919982 | 8.20E-07 | 5YrCancerI | 8.20E-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 | 0.00E+00 |
| 1071 | ALL | 289518.4 | 3919982 | 8.09E-07 | 5YrCancerI | 8.09E-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 | 0.00E+00 |
| 1072 | ALL | 289568.4 | 3919982 | 7.99E-07 | 5YrCancerI | 7.99E-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 | 0.00E+00 |
| 1073 | ALL | 289618.4 | 3919982 | 7.89E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1074 | ALL | 289668.4 | 3919982 | 7.79E-07 | 5YrCancerI | 7.79E-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 | 0.00E+00 |
| 1075 | ALL | 289718.4 | 3919982 | 7.70E-07 | 5YrCancerI | 7.70E-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 | 0.00E+00 |
| 1076 | ALL | 289768.4 | 3919982 | 7.60E-07 | 5YrCancerI | 7.60E-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 | 0.00E+00 |
| 1077 | ALL | 289818.4 | 3919982 | 7.51E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1078 | ALL | 289868.4 | 3919982 | 7.41E-07 | 5YrCancerI | 7.41E-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 | 0.00E+00 |
| 1079 | ALL | 289918.4 | 3919982 | 7.33E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1080 | ALL | 289968.4 | 3919982 | 7.25E-07 | 5YrCancerI | 7.25E-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 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1081 | ALL | 290018.4 | 3919982 | 7.17E-07 | 5YrCancerI | 7.17E-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 |
| 1082 | ALL | 290068.4 | 3919982 | 7.09E-07 | 5YrCancerI | 7.09E-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 |
| 1083 | ALL | 290118.4 | 3919982 | 7.00E-07 | 5YrCancerI | 7.00E-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 |
| 1084 | ALL | 290168.4 | 3919982 | 6.92E-07 | 5YrCancerI | 6.92E-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 |
| 1085 | ALL | 290218.4 | 3919982 | 6.83E-07 | 5YrCancerI | 6.83E-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 |
| 1086 | ALL | 290268.4 | 3919982 | 6.75E-07 | 5YrCancerI | 6.75E-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 |
| 1087 | ALL | 290318.4 | 3919982 | 6.67E-07 | 5YrCancerI | 6.67E-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 |
| 1088 | ALL | 290368.4 | 3919982 | 6.60E-07 | 5YrCancerI | 6.60E-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 |
| 1089 | ALL | 290418.4 | 3919982 | 6.52E-07 | 5YrCancerI | 6.52E-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 |
| 1090 | ALL | 290468.4 | 3919982 | 6.45E-07 | 5YrCancerI | 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 |
| 1091 | ALL | 290518.4 | 3919982 | 6.37E-07 | 5YrCancerI | 6.37E-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 |
| 1092 | ALL | 290568.4 | 3919982 | 6.30E-07 | 5YrCancerI | 6.30E-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 |
| 1093 | ALL | 290618.4 | 3919982 | 6.23E-07 | 5YrCancerI | 6.23E-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 |
| 1094 | ALL | 289068.4 | 3920032 | 9.21E-07 | 5YrCancerI | 9.21E-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 |
| 1095 | ALL | 289118.4 | 3920032 | 9.08E-07 | 5YrCancerI | 9.08E-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 |
| 1096 | ALL | 289168.4 | 3920032 | 8.96E-07 | 5YrCancerI | 8.96E-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 |
| 1097 | ALL | 289218.4 | 3920032 | 8.84E-07 | 5YrCancerI | 8.84E-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 |
| 1098 | ALL | 289268.4 | 3920032 | 8.72E-07 | 5YrCancerI | 8.72E-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 |
| 1099 | ALL | 289318.4 | 3920032 | 8.61E-07 | 5YrCancerI | 8.61E-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 |
| 1100 | ALL | 289368.4 | 3920032 | 8.49E-07 | 5YrCancerI | 8.49E-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 |
| 1101 | ALL | 289418.4 | 3920032 | 8.38E-07 | 5YrCancerI | 8.38E-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 |
| 1102 | ALL | 289468.4 | 3920032 | 8.27E-07 | 5YrCancerI | 8.27E-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 |
| 1103 | ALL | 289518.4 | 3920032 | 8.17E-07 | 5YrCancerI | 8.17E-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 |
| 1104 | ALL | 289568.4 | 3920032 | 8.06E-07 | 5YrCancerI | 8.06E-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 |
| 1105 | ALL | 289618.4 | 3920032 | 7.96E-07 | 5YrCancerI | 7.96E-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 |
| 1106 | ALL | 289668.4 | 3920032 | 7.86E-07 | 5YrCancerI | 7.86E-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 |
| 1107 | ALL | 289718.4 | 3920032 | 7.76E-07 | 5YrCancerI | 7.76E-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 |
| 1108 | ALL | 289768.4 | 3920032 | 7.66E-07 | 5YrCancerI | 7.66E-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 |
| 1109 | ALL | 289818.4 | 3920032 | 7.56E-07 | 5YrCancerI | 7.56E-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 |
| 1110 | ALL | 289868.4 | 3920032 | 7.47E-07 | 5YrCancerI | 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 |
| 1111 | ALL | 289918.4 | 3920032 | 7.38E-07 | 5YrCancerI | 7.38E-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 |
| 1112 | ALL | 289968.4 | 3920032 | 7.30E-07 | 5YrCancerI | 7.30E-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 |
| 1113 | ALL | 290018.4 | 3920032 | 7.22E-07 | 5YrCancerI | 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 |
| 1114 | ALL | 290068.4 | 3920032 | 7.14E-07 | 5YrCancerI | 7.14E-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 |
| 1115 | ALL | 290118.4 | 3920032 | 7.05E-07 | 5YrCancerI | 7.05E-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 |
| 1116 | ALL | 290168.4 | 3920032 | 6.96E-07 | 5YrCancerI | 6.96E-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 | 290218.4 | 3920032 | 6.88E-07 | 5YrCancerI | 6.88E-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 |
| 1118 | ALL | 290268.4 | 3920032 | 6.80E-07 | 5YrCancerI | 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 |
| 1119 | ALL | 290318.4 | 3920032 | 6.72E-07 | 5YrCancerI | 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 |
| 1120 | ALL | 290368.4 | 3920032 | 6.64E-07 | 5YrCancerI | 6.64E-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 |
| 1121 | ALL | 290418.4 | 3920032 | 6.56E-07 | 5YrCancerI | 6.56E-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 |
| 1122 | ALL | 290468.4 | 3920032 | 6.48E-07 | 5YrCancerI | 6.48E-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 |
| 1123 | ALL | 290518.4 | 3920032 | 6.41E-07 | 5YrCancerI | 6.41E-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 |
| 1124 | ALL | 290568.4 | 3920032 | 6.33E-07 | 5YrCancerI | 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 |
| 1125 | ALL | 290618.4 | 3920032 | 6.26E-07 | 5YrCancerI | 6.26E-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 |
| 1126 | ALL | 289068.4 | 3920082 | 9.32E-07 | 5YrCancerI | 9.32E-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 |
| 1127 | ALL | 289118.4 | 3920082 | 9.19E-07 | 5YrCancerI | 9.19E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1128 | ALL | 289168.4 | 3920082 | 9.06E-07 | 5YrCancerI | 9.06E-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 |
| 1129 | ALL | 289218.4 | 3920082 | 8.94E-07 | 5YrCancerI | 8.94E-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 |
| 1130 | ALL | 289268.4 | 3920082 | 8.81E-07 | 5YrCancerI | 8.81E-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 |
| 1131 | ALL | 289318.4 | 3920082 | 8.69E-07 | 5YrCancerI | 8.69E-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 |
| 1132 | ALL | 289368.4 | 3920082 | 8.58E-07 | 5YrCancerI | 8.58E-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 |
| 1133 | ALL | 289418.4 | 3920082 | 8.46E-07 | 5YrCancerI | 8.46E-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 |
| 1134 | ALL | 289468.4 | 3920082 | 8.35E-07 | 5YrCancerI | 8.35E-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 |
| 1135 | ALL | 289518.4 | 3920082 | 8.24E-07 | 5YrCancerI | 8.24E-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 |
| 1136 | ALL | 289568.4 | 3920082 | 8.13E-07 | 5YrCancerI | 8.13E-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 |
| 1137 | ALL | 289618.4 | 3920082 | 8.02E-07 | 5YrCancerI | 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 |
| 1138 | ALL | 289668.4 | 3920082 | 7.92E-07 | 5YrCancerI | 7.92E-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 |
| 1139 | ALL | 289718.4 | 3920082 | 7.82E-07 | 5YrCancerI | 7.82E-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 |
| 1140 | ALL | 289768.4 | 3920082 | 7.71E-07 | 5YrCancerI | 7.71E-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 |
| 1141 | ALL | 289818.4 | 3920082 | 7.62E-07 | 5YrCancerI | 7.62E-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 |
| 1142 | ALL | 289868.4 | 3920082 | 7.52E-07 | 5YrCancerI | 7.52E-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 |
| 1143 | ALL | 289918.4 | 3920082 | 7.43E-07 | 5YrCancerI | 7.43E-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 |
| 1144 | ALL | 289968.4 | 3920082 | 7.35E-07 | 5YrCancerI | 7.35E-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 |
| 1145 | ALL | 290018.4 | 3920082 | 7.26E-07 | 5YrCancerI | 7.26E-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 |
| 1146 | ALL | 290068.4 | 3920082 | 7.18E-07 | 5YrCancerI | 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 |
| 1147 | ALL | 290118.4 | 3920082 | 7.09E-07 | 5YrCancerI | 7.09E-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 |
| 1148 | ALL | 290168.4 | 3920082 | 7.00E-07 | 5YrCancerI | 7.00E-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 |
| 1149 | ALL | 290218.4 | 3920082 | 6.92E-07 | 5YrCancerI | 6.92E-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 |
| 1150 | ALL | 290268.4 | 3920082 | 6.84E-07 | 5YrCancerI | 6.84E-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 |
| 1151 | ALL | 290318.4 | 3920082 | 6.75E-07 | 5YrCancerI | 6.75E-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 |
| 1152 | ALL | 290368.4 | 3920082 | 6.67E-07 | 5YrCancerI | 6.67E-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 |
| 1153 | ALL | 290418.4 | 3920082 | 6.59E-07 | 5YrCancerI | 6.59E-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 |
| 1154 | ALL | 290468.4 | 3920082 | 6.52E-07 | 5YrCancerI | 6.52E-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 |
| 1155 | ALL | 290518.4 | 3920082 | 6.44E-07 | 5YrCancerI | 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 |
| 1156 | ALL | 290568.4 | 3920082 | 6.37E-07 | 5YrCancerI | 6.37E-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 |
| 1157 | ALL | 290618.4 | 3920082 | 6.29E-07 | 5YrCancerI | 6.29E-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 |
| 1158 | ALL | 289068.4 | 3920132 | 9.43E-07 | 5YrCancerI | 9.43E-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 |
| 1159 | ALL | 289118.4 | 3920132 | 9.29E-07 | 5YrCancerI | 9.29E-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 |
| 1160 | ALL | 289168.4 | 3920132 | 9.16E-07 | 5YrCancerI | 9.16E-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 |
| 1161 | ALL | 289218.4 | 3920132 | 9.03E-07 | 5YrCancerI | 9.03E-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 |
| 1162 | ALL | 289268.4 | 3920132 | 8.91E-07 | 5YrCancerI | 8.91E-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 |
| 1163 | ALL | 289318.4 | 3920132 | 8.78E-07 | 5YrCancerI | 8.78E-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 |
| 1164 | ALL | 289368.4 | 3920132 | 8.66E-07 | 5YrCancerI | 8.66E-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 |
| 1165 | ALL | 289418.4 | 3920132 | 8.54E-07 | 5YrCancerI | 8.54E-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 |
| 1166 | ALL | 289468.4 | 3920132 | 8.43E-07 | 5YrCancerI | 8.43E-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 |
| 1167 | ALL | 289518.4 | 3920132 | 8.31E-07 | 5YrCancerI | 8.31E-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 |
| 1168 | ALL | 289568.4 | 3920132 | 8.20E-07 | 5YrCancerI | 8.20E-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 |
| 1169 | ALL | 289618.4 | 3920132 | 8.09E-07 | 5YrCancerI | 8.09E-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 |
| 1170 | ALL | 289668.4 | 3920132 | 7.98E-07 | 5YrCancerI | 7.98E-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 |
| 1171 | ALL | 289718.4 | 3920132 | 7.88E-07 | 5YrCancerI | 7.88E-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 |
| 1172 | ALL | 289768.4 | 3920132 | 7.77E-07 | 5YrCancerI | 7.77E-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 |
| 1173 | ALL | 289818.4 | 3920132 | 7.67E-07 | 5YrCancerI | 7.67E-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 |
| 1174 | ALL | 289868.4 | 3920132 | 7.58E-07 | 5YrCancerI | 7.58E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1175 | ALL | 289918.4 | 3920132 | 7.48E-07 | 5YrCancerI | 7.48E-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 |
| 1176 | ALL | 289968.4 | 3920132 | 7.39E-07 | 5YrCancerI | 7.39E-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 |
| 1177 | ALL | 290018.4 | 3920132 | 7.30E-07 | 5YrCancerI | 7.30E-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 |
| 1178 | ALL | 290068.4 | 3920132 | 7.22E-07 | 5YrCancerI | 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 |
| 1179 | ALL | 290118.4 | 3920132 | 7.13E-07 | 5YrCancerI | 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 |
| 1180 | ALL | 290168.4 | 3920132 | 7.04E-07 | 5YrCancerI | 7.04E-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 |
| 1181 | ALL | 290218.4 | 3920132 | 6.95E-07 | 5YrCancerI | 6.95E-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 |
| 1182 | ALL | 290268.4 | 3920132 | 6.87E-07 | 5YrCancerI | 6.87E-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 |
| 1183 | ALL | 290318.4 | 3920132 | 6.79E-07 | 5YrCancerI | 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 |
| 1184 | ALL | 290368.4 | 3920132 | 6.70E-07 | 5YrCancerI | 6.70E-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 |
| 1185 | ALL | 290418.4 | 3920132 | 6.62E-07 | 5YrCancerI | 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 |
| 1186 | ALL | 290468.4 | 3920132 | 6.55E-07 | 5YrCancerI | 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 |
| 1187 | ALL | 290518.4 | 3920132 | 6.47E-07 | 5YrCancerI | 6.47E-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 |
| 1188 | ALL | 290568.4 | 3920132 | 6.39E-07 | 5YrCancerI | 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 |
| 1189 | ALL | 290618.4 | 3920132 | 6.32E-07 | 5YrCancerI | 6.32E-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 |
| 1190 | ALL | 289068.4 | 3920182 | 9.54E-07 | 5YrCancerI | 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 |
| 1191 | ALL | 289118.4 | 3920182 | 9.40E-07 | 5YrCancerI | 9.40E-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 |
| 1192 | ALL | 289168.4 | 3920182 | 9.26E-07 | 5YrCancerI | 9.26E-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 |
| 1193 | ALL | 289218.4 | 3920182 | 9.13E-07 | 5YrCancerI | 9.13E-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 |
| 1194 | ALL | 289268.4 | 3920182 | 9.00E-07 | 5YrCancerI | 9.00E-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 |
| 1195 | ALL | 289318.4 | 3920182 | 8.87E-07 | 5YrCancerI | 8.87E-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 |
| 1196 | ALL | 289368.4 | 3920182 | 8.74E-07 | 5YrCancerI | 8.74E-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 |
| 1197 | ALL | 289418.4 | 3920182 | 8.62E-07 | 5YrCancerI | 8.62E-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 |
| 1198 | ALL | 289468.4 | 3920182 | 8.50E-07 | 5YrCancerI | 8.50E-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 |
| 1199 | ALL | 289518.4 | 3920182 | 8.38E-07 | 5YrCancerI | 8.38E-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 |
| 1200 | ALL | 289568.4 | 3920182 | 8.27E-07 | 5YrCancerI | 8.27E-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 |
| 1201 | ALL | 289618.4 | 3920182 | 8.16E-07 | 5YrCancerI | 8.16E-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 |
| 1202 | ALL | 289668.4 | 3920182 | 8.05E-07 | 5YrCancerI | 8.05E-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 |
| 1203 | ALL | 289718.4 | 3920182 | 7.94E-07 | 5YrCancerI | 7.94E-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 |
| 1204 | ALL | 289768.4 | 3920182 | 7.83E-07 | 5YrCancerI | 7.83E-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 |
| 1205 | ALL | 289818.4 | 3920182 | 7.73E-07 | 5YrCancerI | 7.73E-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 |
| 1206 | ALL | 289868.4 | 3920182 | 7.63E-07 | 5YrCancerI | 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 |
| 1207 | ALL | 289918.4 | 3920182 | 7.53E-07 | 5YrCancerI | 7.53E-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 |
| 1208 | ALL | 289968.4 | 3920182 | 7.44E-07 | 5YrCancerI | 7.44E-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 |
| 1209 | ALL | 290018.4 | 3920182 | 7.35E-07 | 5YrCancerI | 7.35E-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 |
| 1210 | ALL | 290068.4 | 3920182 | 7.25E-07 | 5YrCancerI | 7.25E-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 |
| 1211 | ALL | 290118.4 | 3920182 | 7.16E-07 | 5YrCancerI | 7.16E-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 |
| 1212 | ALL | 290168.4 | 3920182 | 7.08E-07 | 5YrCancerI | 7.08E-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 |
| 1213 | ALL | 290218.4 | 3920182 | 6.99E-07 | 5YrCancerI | 6.99E-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 |
| 1214 | ALL | 290268.4 | 3920182 | 6.90E-07 | 5YrCancerI | 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 |
| 1215 | ALL | 290318.4 | 3920182 | 6.82E-07 | 5YrCancerI | 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 |
| 1216 | ALL | 290368.4 | 3920182 | 6.74E-07 | 5YrCancerI | 6.74E-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 |
| 1217 | ALL | 290418.4 | 3920182 | 6.66E-07 | 5YrCancerI | 6.66E-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 |
| 1218 | ALL | 290468.4 | 3920182 | 6.58E-07 | 5YrCancerI | 6.58E-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 |
| 1219 | ALL | 290518.4 | 3920182 | 6.50E-07 | 5YrCancerI | 6.50E-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 |
| 1220 | ALL | 290568.4 | 3920182 | 6.42E-07 | 5YrCancerI | 6.42E-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 |
| 1221 | ALL | 290618.4 | 3920182 | 6.35E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1222 | ALL | 289068.4 | 3920232 | 9.65E-07 | 5YrCancerI | 9.65E-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 |
| 1223 | ALL | 289118.4 | 3920232 | 9.50E-07 | 5YrCancerI | 9.50E-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 |
| 1224 | ALL | 289168.4 | 3920232 | 9.36E-07 | 5YrCancerI | 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 |
| 1225 | ALL | 289218.4 | 3920232 | 9.22E-07 | 5YrCancerI | 9.22E-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 |
| 1226 | ALL | 289268.4 | 3920232 | 9.09E-07 | 5YrCancerI | 9.09E-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 |
| 1227 | ALL | 289318.4 | 3920232 | 8.96E-07 | 5YrCancerI | 8.96E-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 |
| 1228 | ALL | 289368.4 | 3920232 | 8.83E-07 | 5YrCancerI | 8.83E-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 |
| 1229 | ALL | 289418.4 | 3920232 | 8.70E-07 | 5YrCancerI | 8.70E-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 | 289468.4 | 3920232 | 8.58E-07 | 5YrCancerI | 8.58E-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 |
| 1231 | ALL | 289518.4 | 3920232 | 8.46E-07 | 5YrCancerI | 8.46E-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 |
| 1232 | ALL | 289568.4 | 3920232 | 8.34E-07 | 5YrCancerI | 8.34E-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 |
| 1233 | ALL | 289618.4 | 3920232 | 8.22E-07 | 5YrCancerI | 8.22E-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 |
| 1234 | ALL | 289668.4 | 3920232 | 8.11E-07 | 5YrCancerI | 8.11E-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 |
| 1235 | ALL | 289718.4 | 3920232 | 8.00E-07 | 5YrCancerI | 8.00E-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 |
| 1236 | ALL | 289768.4 | 3920232 | 7.89E-07 | 5YrCancerI | 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 |
| 1237 | ALL | 289818.4 | 3920232 | 7.78E-07 | 5YrCancerI | 7.78E-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 |
| 1238 | ALL | 289868.4 | 3920232 | 7.68E-07 | 5YrCancerI | 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 |
| 1239 | ALL | 289918.4 | 3920232 | 7.58E-07 | 5YrCancerI | 7.58E-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 |
| 1240 | ALL | 289968.4 | 3920232 | 7.48E-07 | 5YrCancerI | 7.48E-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 |
| 1241 | ALL | 290018.4 | 3920232 | 7.39E-07 | 5YrCancerI | 7.39E-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 |
| 1242 | ALL | 290068.4 | 3920232 | 7.29E-07 | 5YrCancerI | 7.29E-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 |
| 1243 | ALL | 290118.4 | 3920232 | 7.20E-07 | 5YrCancerI | 7.20E-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 |
| 1244 | ALL | 290168.4 | 3920232 | 7.11E-07 | 5YrCancerI | 7.11E-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 |
| 1245 | ALL | 290218.4 | 3920232 | 7.02E-07 | 5YrCancerI | 7.02E-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 |
| 1246 | ALL | 290268.4 | 3920232 | 6.94E-07 | 5YrCancerI | 6.94E-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 |
| 1247 | ALL | 290318.4 | 3920232 | 6.85E-07 | 5YrCancerI | 6.85E-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 |
| 1248 | ALL | 290368.4 | 3920232 | 6.77E-07 | 5YrCancerI | 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 |
| 1249 | ALL | 290418.4 | 3920232 | 6.69E-07 | 5YrCancerI | 6.69E-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 |
| 1250 | ALL | 290468.4 | 3920232 | 6.61E-07 | 5YrCancerI | 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 |
| 1251 | ALL | 290518.4 | 3920232 | 6.53E-07 | 5YrCancerI | 6.53E-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 |
| 1252 | ALL | 290568.4 | 3920232 | 6.45E-07 | 5YrCancerI | 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 |
| 1253 | ALL | 290618.4 | 3920232 | 6.38E-07 | 5YrCancerI | 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 |
| 1254 | ALL | 289068.4 | 3920282 | 9.76E-07 | 5YrCancerI | 9.76E-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 |
| 1255 | ALL | 289118.4 | 3920282 | 9.61E-07 | 5YrCancerI | 9.61E-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 |
| 1256 | ALL | 289168.4 | 3920282 | 9.46E-07 | 5YrCancerI | 9.46E-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 |
| 1257 | ALL | 289218.4 | 3920282 | 9.32E-07 | 5YrCancerI | 9.32E-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 |
| 1258 | ALL | 289268.4 | 3920282 | 9.18E-07 | 5YrCancerI | 9.18E-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 |
| 1259 | ALL | 289318.4 | 3920282 | 9.04E-07 | 5YrCancerI | 9.04E-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 |
| 1260 | ALL | 289368.4 | 3920282 | 8.91E-07 | 5YrCancerI | 8.91E-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 |
| 1261 | ALL | 289418.4 | 3920282 | 8.78E-07 | 5YrCancerI | 8.78E-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 |
| 1262 | ALL | 289468.4 | 3920282 | 8.65E-07 | 5YrCancerI | 8.65E-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 |
| 1263 | ALL | 289518.4 | 3920282 | 8.53E-07 | 5YrCancerI | 8.53E-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 |
| 1264 | ALL | 289568.4 | 3920282 | 8.41E-07 | 5YrCancerI | 8.41E-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 |
| 1265 | ALL | 289618.4 | 3920282 | 8.29E-07 | 5YrCancerI | 8.29E-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 |
| 1266 | ALL | 289668.4 | 3920282 | 8.17E-07 | 5YrCancerI | 8.17E-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 |
| 1267 | ALL | 289718.4 | 3920282 | 8.06E-07 | 5YrCancerI | 8.06E-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 |
| 1268 | ALL | 289768.4 | 3920282 | 7.94E-07 | 5YrCancerI | 7.94E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1269 | ALL | 289818.4 | 3920282 | 7.83E-07 | 5YrCancerI | 7.83E-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 |
| 1270 | ALL | 289868.4 | 3920282 | 7.73E-07 | 5YrCancerI | 7.73E-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 |
| 1271 | ALL | 289918.4 | 3920282 | 7.62E-07 | 5YrCancerI | 7.62E-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 |
| 1272 | ALL | 289968.4 | 3920282 | 7.52E-07 | 5YrCancerI | 7.52E-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 |
| 1273 | ALL | 290018.4 | 3920282 | 7.43E-07 | 5YrCancerI | 7.43E-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 |
| 1274 | ALL | 290068.4 | 3920282 | 7.34E-07 | 5YrCancerI | 7.34E-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 |
| 1275 | ALL | 290118.4 | 3920282 | 7.24E-07 | 5YrCancerI | 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 |
| 1276 | ALL | 290168.4 | 3920282 | 7.15E-07 | 5YrCancerI | 7.15E-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 |
| 1277 | ALL | 290218.4 | 3920282 | 7.06E-07 | 5YrCancerI | 7.06E-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 |
| 1278 | ALL | 290268.4 | 3920282 | 6.97E-07 | 5YrCancerI | 6.97E-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 |
| 1279 | ALL | 290318.4 | 3920282 | 6.89E-07 | 5YrCancerI | 6.89E-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 |
| 1280 | ALL | 290368.4 | 3920282 | 6.80E-07 | 5YrCancerI | 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 |
| 1281 | ALL | 290418.4 | 3920282 | 6.72E-07 | 5YrCancerI | 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 |
| 1282 | ALL | 290468.4 | 3920282 | 6.64E-07 | 5YrCancerI | 6.64E-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 |
| 1283 | ALL | 290518.4 | 3920282 | 6.56E-07 | 5YrCancerI | 6.56E-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 |
| 1284 | ALL | 290568.4 | 3920282 | 6.48E-07 | 5YrCancerI | 6.48E-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 |
| 1285 | ALL | 290618.4 | 3920282 | 6.40E-07 | 5YrCancerI | 6.40E-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 |
| 1286 | ALL | 289068.4 | 3920332 | 9.87E-07 | 5YrCancerI | 9.87E-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 |
| 1287 | ALL | 289118.4 | 3920332 | 9.71E-07 | 5YrCancerI | 9.71E-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 |
| 1288 | ALL | 289168.4 | 3920332 | 9.56E-07 | 5YrCancerI | 9.56E-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 |
| 1289 | ALL | 289218.4 | 3920332 | 9.41E-07 | 5YrCancerI | 9.41E-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 |
| 1290 | ALL | 289268.4 | 3920332 | 9.27E-07 | 5YrCancerI | 9.27E-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 |
| 1291 | ALL | 289318.4 | 3920332 | 9.13E-07 | 5YrCancerI | 9.13E-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 |
| 1292 | ALL | 289368.4 | 3920332 | 8.99E-07 | 5YrCancerI | 8.99E-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 |
| 1293 | ALL | 289418.4 | 3920332 | 8.86E-07 | 5YrCancerI | 8.86E-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 |
| 1294 | ALL | 289468.4 | 3920332 | 8.73E-07 | 5YrCancerI | 8.73E-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 |
| 1295 | ALL | 289518.4 | 3920332 | 8.60E-07 | 5YrCancerI | 8.60E-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 |
| 1296 | ALL | 289568.4 | 3920332 | 8.47E-07 | 5YrCancerI | 8.47E-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 |
| 1297 | ALL | 289618.4 | 3920332 | 8.35E-07 | 5YrCancerI | 8.35E-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 |
| 1298 | ALL | 289668.4 | 3920332 | 8.23E-07 | 5YrCancerI | 8.23E-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 |
| 1299 | ALL | 289718.4 | 3920332 | 8.11E-07 | 5YrCancerI | 8.11E-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 |
| 1300 | ALL | 289768.4 | 3920332 | 8.00E-07 | 5YrCancerI | 8.00E-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 |
| 1301 | ALL | 289818.4 | 3920332 | 7.89E-07 | 5YrCancerI | 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 |
| 1302 | ALL | 289868.4 | 3920332 | 7.78E-07 | 5YrCancerI | 7.78E-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 |
| 1303 | ALL | 289918.4 | 3920332 | 7.67E-07 | 5YrCancerI | 7.67E-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 |
| 1304 | ALL | 289968.4 | 3920332 | 7.57E-07 | 5YrCancerI | 7.57E-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 | 290018.4 | 3920332 | 7.47E-07 | 5YrCancerI | 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 |
| 1306 | ALL | 290068.4 | 3920332 | 7.38E-07 | 5YrCancerI | 7.38E-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 |
| 1307 | ALL | 290118.4 | 3920332 | 7.28E-07 | 5YrCancerI | 7.28E-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 |
| 1308 | ALL | 290168.4 | 3920332 | 7.19E-07 | 5YrCancerI | 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 |
| 1309 | ALL | 290218.4 | 3920332 | 7.09E-07 | 5YrCancerI | 7.09E-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 |
| 1310 | ALL | 290268.4 | 3920332 | 7.00E-07 | 5YrCancerI | 7.00E-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 |
| 1311 | ALL | 290318.4 | 3920332 | 6.92E-07 | 5YrCancerI | 6.92E-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 |
| 1312 | ALL | 290368.4 | 3920332 | 6.83E-07 | 5YrCancerI | 6.83E-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 |
| 1313 | ALL | 290418.4 | 3920332 | 6.75E-07 | 5YrCancerI | 6.75E-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 |
| 1314 | ALL | 290468.4 | 3920332 | 6.67E-07 | 5YrCancerI | 6.67E-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 |
| 1315 | ALL | 290518.4 | 3920332 | 6.59E-07 | 5YrCancerI | 6.59E-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 | 290568.4 | 3920332 | 6.51E-07 | 5YrCancerI | 6.51E-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 | 0.00E+00 |
| 1317 | ALL | 290618.4 | 3920332 | 6.43E-07 | 5YrCancerI | 6.43E-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 | 0.00E+00 |
| 1318 | ALL | 289068.4 | 3920382 | 9.98E-07 | 5YrCancerI | 9.98E-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 | 0.00E+00 |
| 1319 | ALL | 289118.4 | 3920382 | 9.82E-07 | 5YrCancerI | 9.82E-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 | 0.00E+00 |
| 1320 | ALL | 289168.4 | 3920382 | 9.66E-07 | 5YrCancerI | 9.66E-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 | 0.00E+00 |
| 1321 | ALL | 289218.4 | 3920382 | 9.51E-07 | 5YrCancerI | 9.51E-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 | 0.00E+00 |
| 1322 | ALL | 289268.4 | 3920382 | 9.36E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1323 | ALL | 289318.4 | 3920382 | 9.22E-07 | 5YrCancerI | 9.22E-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 | 0.00E+00 |
| 1324 | ALL | 289368.4 | 3920382 | 9.08E-07 | 5YrCancerI | 9.08E-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 | 0.00E+00 |
| 1325 | ALL | 289418.4 | 3920382 | 8.94E-07 | 5YrCancerI | 8.94E-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 | 0.00E+00 |
| 1326 | ALL | 289468.4 | 3920382 | 8.80E-07 | 5YrCancerI | 8.80E-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 | 0.00E+00 |
| 1327 | ALL | 289518.4 | 3920382 | 8.67E-07 | 5YrCancerI | 8.67E-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 | 0.00E+00 |
| 1328 | ALL | 289568.4 | 3920382 | 8.54E-07 | 5YrCancerI | 8.54E-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 | 0.00E+00 |
| 1329 | ALL | 289618.4 | 3920382 | 8.41E-07 | 5YrCancerI | 8.41E-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 | 0.00E+00 |
| 1330 | ALL | 289668.4 | 3920382 | 8.29E-07 | 5YrCancerI | 8.29E-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 | 0.00E+00 |
| 1331 | ALL | 289718.4 | 3920382 | 8.17E-07 | 5YrCancerI | 8.17E-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 | 0.00E+00 |
| 1332 | ALL | 289768.4 | 3920382 | 8.06E-07 | 5YrCancerI | 8.06E-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 | 0.00E+00 |
| 1333 | ALL | 289818.4 | 3920382 | 7.94E-07 | 5YrCancerI | 7.94E-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 | 0.00E+00 |
| 1334 | ALL | 289868.4 | 3920382 | 7.83E-07 | 5YrCancerI | 7.83E-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 | 0.00E+00 |
| 1335 | ALL | 289918.4 | 3920382 | 7.72E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1336 | ALL | 289968.4 | 3920382 | 7.61E-07 | 5YrCancerI | 7.61E-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 | 0.00E+00 |
| 1337 | ALL | 290018.4 | 3920382 | 7.51E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1338 | ALL | 290068.4 | 3920382 | 7.41E-07 | 5YrCancerI | 7.41E-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 | 0.00E+00 |
| 1339 | ALL | 290118.4 | 3920382 | 7.32E-07 | 5YrCancerI | 7.32E-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 | 0.00E+00 |
| 1340 | ALL | 290168.4 | 3920382 | 7.22E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1341 | ALL | 290218.4 | 3920382 | 7.13E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1342 | ALL | 290268.4 | 3920382 | 7.04E-07 | 5YrCancerI | 7.04E-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 | 0.00E+00 |
| 1343 | ALL | 290318.4 | 3920382 | 6.95E-07 | 5YrCancerI | 6.95E-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 | 0.00E+00 |
| 1344 | ALL | 290368.4 | 3920382 | 6.86E-07 | 5YrCancerI | 6.86E-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 | 0.00E+00 |
| 1345 | ALL | 290418.4 | 3920382 | 6.78E-07 | 5YrCancerI | 6.78E-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 | 0.00E+00 |
| 1346 | ALL | 290468.4 | 3920382 | 6.69E-07 | 5YrCancerI | 6.69E-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 | 0.00E+00 |
| 1347 | ALL | 290518.4 | 3920382 | 6.62E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1348 | ALL | 290568.4 | 3920382 | 6.53E-07 | 5YrCancerI | 6.53E-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 | 0.00E+00 |
| 1349 | ALL | 290618.4 | 3920382 | 6.45E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1350 | ALL | 289068.4 | 3920432 | 1.01E-06 | 5YrCancerI | 1.01E-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 | 0.00E+00 |
| 1351 | ALL | 289118.4 | 3920432 | 9.93E-07 | 5YrCancerI | 9.93E-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 | 0.00E+00 |
| 1352 | ALL | 289168.4 | 3920432 | 9.77E-07 | 5YrCancerI | 9.77E-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 | 0.00E+00 |
| 1353 | ALL | 289218.4 | 3920432 | 9.61E-07 | 5YrCancerI | 9.61E-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 | 0.00E+00 |
| 1354 | ALL | 289268.4 | 3920432 | 9.45E-07 | 5YrCancerI | 9.45E-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 | 0.00E+00 |
| 1355 | ALL | 289318.4 | 3920432 | 9.31E-07 | 5YrCancerI | 9.31E-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 | 0.00E+00 |
| 1356 | ALL | 289368.4 | 3920432 | 9.16E-07 | 5YrCancerI | 9.16E-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 | 0.00E+00 |
| 1357 | ALL | 289418.4 | 3920432 | 9.02E-07 | 5YrCancerI | 9.02E-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 | 0.00E+00 |
| 1358 | ALL | 289468.4 | 3920432 | 8.88E-07 | 5YrCancerI | 8.88E-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 | 0.00E+00 |
| 1359 | ALL | 289518.4 | 3920432 | 8.74E-07 | 5YrCancerI | 8.74E-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 | 0.00E+00 |
| 1360 | ALL | 289568.4 | 3920432 | 8.61E-07 | 5YrCancerI | 8.61E-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 | 0.00E+00 |
| 1361 | ALL | 289618.4 | 3920432 | 8.48E-07 | 5YrCancerI | 8.48E-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 | 0.00E+00 |
| 1362 | ALL | 289668.4 | 3920432 | 8.35E-07 | 5YrCancerI | 8.35E-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 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1363 | ALL | 289718.4 | 3920432 | 8.23E-07 | 5YrCancerI | 8.23E-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 |
| 1364 | ALL | 289768.4 | 3920432 | 8.11E-07 | 5YrCancerI | 8.11E-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 |
| 1365 | ALL | 289818.4 | 3920432 | 7.99E-07 | 5YrCancerI | 7.99E-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 |
| 1366 | ALL | 289868.4 | 3920432 | 7.88E-07 | 5YrCancerI | 7.88E-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 |
| 1367 | ALL | 289918.4 | 3920432 | 7.77E-07 | 5YrCancerI | 7.77E-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 |
| 1368 | ALL | 289968.4 | 3920432 | 7.66E-07 | 5YrCancerI | 7.66E-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 |
| 1369 | ALL | 290018.4 | 3920432 | 7.56E-07 | 5YrCancerI | 7.56E-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 |
| 1370 | ALL | 290068.4 | 3920432 | 7.45E-07 | 5YrCancerI | 7.45E-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 |
| 1371 | ALL | 290118.4 | 3920432 | 7.35E-07 | 5YrCancerI | 7.35E-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 |
| 1372 | ALL | 290168.4 | 3920432 | 7.26E-07 | 5YrCancerI | 7.26E-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 |
| 1373 | ALL | 290218.4 | 3920432 | 7.16E-07 | 5YrCancerI | 7.16E-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 |
| 1374 | ALL | 290268.4 | 3920432 | 7.07E-07 | 5YrCancerI | 7.07E-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 |
| 1375 | ALL | 290318.4 | 3920432 | 6.98E-07 | 5YrCancerI | 6.98E-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 |
| 1376 | ALL | 290368.4 | 3920432 | 6.89E-07 | 5YrCancerI | 6.89E-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 |
| 1377 | ALL | 290418.4 | 3920432 | 6.80E-07 | 5YrCancerI | 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 |
| 1378 | ALL | 290468.4 | 3920432 | 6.72E-07 | 5YrCancerI | 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 |
| 1379 | ALL | 290518.4 | 3920432 | 6.64E-07 | 5YrCancerI | 6.64E-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 |
| 1380 | ALL | 290568.4 | 3920432 | 6.56E-07 | 5YrCancerI | 6.56E-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 |
| 1381 | ALL | 290618.4 | 3920432 | 6.48E-07 | 5YrCancerI | 6.48E-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 |
| 1382 | ALL | 289068.4 | 3920482 | 1.02E-06 | 5YrCancerI | 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 |
| 1383 | ALL | 289118.4 | 3920482 | 1.00E-06 | 5YrCancerI | 1.00E-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 |
| 1384 | ALL | 289168.4 | 3920482 | 9.87E-07 | 5YrCancerI | 9.87E-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 |
| 1385 | ALL | 289218.4 | 3920482 | 9.70E-07 | 5YrCancerI | 9.70E-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 |
| 1386 | ALL | 289268.4 | 3920482 | 9.55E-07 | 5YrCancerI | 9.55E-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 |
| 1387 | ALL | 289318.4 | 3920482 | 9.39E-07 | 5YrCancerI | 9.39E-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 |
| 1388 | ALL | 289368.4 | 3920482 | 9.24E-07 | 5YrCancerI | 9.24E-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 |
| 1389 | ALL | 289418.4 | 3920482 | 9.09E-07 | 5YrCancerI | 9.09E-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 |
| 1390 | ALL | 289468.4 | 3920482 | 8.95E-07 | 5YrCancerI | 8.95E-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 |
| 1391 | ALL | 289518.4 | 3920482 | 8.81E-07 | 5YrCancerI | 8.81E-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 |
| 1392 | ALL | 289568.4 | 3920482 | 8.67E-07 | 5YrCancerI | 8.67E-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 |
| 1393 | ALL | 289618.4 | 3920482 | 8.54E-07 | 5YrCancerI | 8.54E-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 |
| 1394 | ALL | 289668.4 | 3920482 | 8.41E-07 | 5YrCancerI | 8.41E-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 |
| 1395 | ALL | 289718.4 | 3920482 | 8.28E-07 | 5YrCancerI | 8.28E-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 |
| 1396 | ALL | 289768.4 | 3920482 | 8.16E-07 | 5YrCancerI | 8.16E-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 |
| 1397 | ALL | 289818.4 | 3920482 | 8.04E-07 | 5YrCancerI | 8.04E-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 |
| 1398 | ALL | 289868.4 | 3920482 | 7.92E-07 | 5YrCancerI | 7.92E-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 |
| 1399 | ALL | 289918.4 | 3920482 | 7.81E-07 | 5YrCancerI | 7.81E-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 |
| 1400 | ALL | 289968.4 | 3920482 | 7.70E-07 | 5YrCancerI | 7.70E-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 |
| 1401 | ALL | 290018.4 | 3920482 | 7.60E-07 | 5YrCancerI | 7.60E-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 |
| 1402 | ALL | 290068.4 | 3920482 | 7.49E-07 | 5YrCancerI | 7.49E-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 |
| 1403 | ALL | 290118.4 | 3920482 | 7.39E-07 | 5YrCancerI | 7.39E-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 |
| 1404 | ALL | 290168.4 | 3920482 | 7.29E-07 | 5YrCancerI | 7.29E-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 |
| 1405 | ALL | 290218.4 | 3920482 | 7.20E-07 | 5YrCancerI | 7.20E-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 |
| 1406 | ALL | 290268.4 | 3920482 | 7.10E-07 | 5YrCancerI | 7.10E-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 |
| 1407 | ALL | 290318.4 | 3920482 | 7.01E-07 | 5YrCancerI | 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 |
| 1408 | ALL | 290368.4 | 3920482 | 6.92E-07 | 5YrCancerI | 6.92E-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 |
| 1409 | ALL | 290418.4 | 3920482 | 6.83E-07 | 5YrCancerI | 6.83E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1410 | ALL | 290468.4 | 3920482 | 6.75E-07 | 5YrCancerI | 6.75E-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 |
| 1411 | ALL | 290518.4 | 3920482 | 6.66E-07 | 5YrCancerI | 6.66E-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 |
| 1412 | ALL | 290568.4 | 3920482 | 6.58E-07 | 5YrCancerI | 6.58E-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 |
| 1413 | ALL | 290618.4 | 3920482 | 6.50E-07 | 5YrCancerI | 6.50E-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 |
| 1414 | ALL | 289068.4 | 3920532 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 1415 | ALL | 289118.4 | 3920532 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 1416 | ALL | 289168.4 | 3920532 | 9.97E-07 | 5YrCancerI | 9.97E-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 |
| 1417 | ALL | 289218.4 | 3920532 | 9.80E-07 | 5YrCancerI | 9.80E-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 |
| 1418 | ALL | 289268.4 | 3920532 | 9.64E-07 | 5YrCancerI | 9.64E-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 |
| 1419 | ALL | 289318.4 | 3920532 | 9.48E-07 | 5YrCancerI | 9.48E-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 |
| 1420 | ALL | 289368.4 | 3920532 | 9.32E-07 | 5YrCancerI | 9.32E-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 |
| 1421 | ALL | 289418.4 | 3920532 | 9.17E-07 | 5YrCancerI | 9.17E-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 |
| 1422 | ALL | 289468.4 | 3920532 | 9.02E-07 | 5YrCancerI | 9.02E-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 |
| 1423 | ALL | 289518.4 | 3920532 | 8.88E-07 | 5YrCancerI | 8.88E-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 |
| 1424 | ALL | 289568.4 | 3920532 | 8.74E-07 | 5YrCancerI | 8.74E-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 |
| 1425 | ALL | 289618.4 | 3920532 | 8.60E-07 | 5YrCancerI | 8.60E-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 |
| 1426 | ALL | 289668.4 | 3920532 | 8.47E-07 | 5YrCancerI | 8.47E-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 |
| 1427 | ALL | 289718.4 | 3920532 | 8.34E-07 | 5YrCancerI | 8.34E-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 |
| 1428 | ALL | 289768.4 | 3920532 | 8.21E-07 | 5YrCancerI | 8.21E-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 |
| 1429 | ALL | 289818.4 | 3920532 | 8.09E-07 | 5YrCancerI | 8.09E-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 |
| 1430 | ALL | 289868.4 | 3920532 | 7.97E-07 | 5YrCancerI | 7.97E-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 |
| 1431 | ALL | 289918.4 | 3920532 | 7.85E-07 | 5YrCancerI | 7.85E-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 |
| 1432 | ALL | 289968.4 | 3920532 | 7.74E-07 | 5YrCancerI | 7.74E-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 |
| 1433 | ALL | 290018.4 | 3920532 | 7.64E-07 | 5YrCancerI | 7.64E-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 |
| 1434 | ALL | 290068.4 | 3920532 | 7.53E-07 | 5YrCancerI | 7.53E-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 |
| 1435 | ALL | 290118.4 | 3920532 | 7.43E-07 | 5YrCancerI | 7.43E-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 |
| 1436 | ALL | 290168.4 | 3920532 | 7.33E-07 | 5YrCancerI | 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 |
| 1437 | ALL | 290218.4 | 3920532 | 7.23E-07 | 5YrCancerI | 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 |
| 1438 | ALL | 290268.4 | 3920532 | 7.13E-07 | 5YrCancerI | 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 |
| 1439 | ALL | 290318.4 | 3920532 | 7.04E-07 | 5YrCancerI | 7.04E-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 |
| 1440 | ALL | 290368.4 | 3920532 | 6.95E-07 | 5YrCancerI | 6.95E-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 |
| 1441 | ALL | 290418.4 | 3920532 | 6.86E-07 | 5YrCancerI | 6.86E-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 |
| 1442 | ALL | 290468.4 | 3920532 | 6.77E-07 | 5YrCancerI | 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 |
| 1443 | ALL | 290518.4 | 3920532 | 6.68E-07 | 5YrCancerI | 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 |
| 1444 | ALL | 290568.4 | 3920532 | 6.60E-07 | 5YrCancerI | 6.60E-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 |
| 1445 | ALL | 290618.4 | 3920532 | 6.52E-07 | 5YrCancerI | 6.52E-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 |
| 1446 | ALL | 289068.4 | 3920582 | 1.04E-06 | 5YrCancerI | 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 |
| 1447 | ALL | 289118.4 | 3920582 | 1.02E-06 | 5YrCancerI | 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 |
| 1448 | ALL | 289168.4 | 3920582 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 1449 | ALL | 289218.4 | 3920582 | 9.89E-07 | 5YrCancerI | 9.89E-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 |
| 1450 | ALL | 289268.4 | 3920582 | 9.73E-07 | 5YrCancerI | 9.73E-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 |
| 1451 | ALL | 289318.4 | 3920582 | 9.56E-07 | 5YrCancerI | 9.56E-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 |
| 1452 | ALL | 289368.4 | 3920582 | 9.40E-07 | 5YrCancerI | 9.40E-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 |
| 1453 | ALL | 289418.4 | 3920582 | 9.25E-07 | 5YrCancerI | 9.25E-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 |
| 1454 | ALL | 289468.4 | 3920582 | 9.09E-07 | 5YrCancerI | 9.09E-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 |
| 1455 | ALL | 289518.4 | 3920582 | 8.94E-07 | 5YrCancerI | 8.94E-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 |
| 1456 | ALL | 289568.4 | 3920582 | 8.80E-07 | 5YrCancerI | 8.80E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1457 | ALL | 289618.4 | 3920582 | 8.66E-07 | 5YrCancerI | 8.66E-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 |
| 1458 | ALL | 289668.4 | 3920582 | 8.52E-07 | 5YrCancerI | 8.52E-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 |
| 1459 | ALL | 289718.4 | 3920582 | 8.39E-07 | 5YrCancerI | 8.39E-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 |
| 1460 | ALL | 289768.4 | 3920582 | 8.26E-07 | 5YrCancerI | 8.26E-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 |
| 1461 | ALL | 289818.4 | 3920582 | 8.13E-07 | 5YrCancerI | 8.13E-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 |
| 1462 | ALL | 289868.4 | 3920582 | 8.01E-07 | 5YrCancerI | 8.01E-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 |
| 1463 | ALL | 289918.4 | 3920582 | 7.90E-07 | 5YrCancerI | 7.90E-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 |
| 1464 | ALL | 289968.4 | 3920582 | 7.78E-07 | 5YrCancerI | 7.78E-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 |
| 1465 | ALL | 290018.4 | 3920582 | 7.67E-07 | 5YrCancerI | 7.67E-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 |
| 1466 | ALL | 290068.4 | 3920582 | 7.57E-07 | 5YrCancerI | 7.57E-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 |
| 1467 | ALL | 290118.4 | 3920582 | 7.46E-07 | 5YrCancerI | 7.46E-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 |
| 1468 | ALL | 290168.4 | 3920582 | 7.36E-07 | 5YrCancerI | 7.36E-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 |
| 1469 | ALL | 290218.4 | 3920582 | 7.26E-07 | 5YrCancerI | 7.26E-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 |
| 1470 | ALL | 290268.4 | 3920582 | 7.16E-07 | 5YrCancerI | 7.16E-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 |
| 1471 | ALL | 290318.4 | 3920582 | 7.07E-07 | 5YrCancerI | 7.07E-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 |
| 1472 | ALL | 290368.4 | 3920582 | 6.97E-07 | 5YrCancerI | 6.97E-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 |
| 1473 | ALL | 290418.4 | 3920582 | 6.88E-07 | 5YrCancerI | 6.88E-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 |
| 1474 | ALL | 290468.4 | 3920582 | 6.79E-07 | 5YrCancerI | 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 |
| 1475 | ALL | 290518.4 | 3920582 | 6.71E-07 | 5YrCancerI | 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 |
| 1476 | ALL | 290568.4 | 3920582 | 6.62E-07 | 5YrCancerI | 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 |
| 1477 | ALL | 290618.4 | 3920582 | 6.54E-07 | 5YrCancerI | 6.54E-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 |
| 1478 | ALL | 289068.4 | 3920632 | 1.05E-06 | 5YrCancerI | 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 |
| 1479 | ALL | 289118.4 | 3920632 | 1.04E-06 | 5YrCancerI | 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 |
| 1480 | ALL | 289168.4 | 3920632 | 1.02E-06 | 5YrCancerI | 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 |
| 1481 | ALL | 289218.4 | 3920632 | 9.99E-07 | 5YrCancerI | 9.99E-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 |
| 1482 | ALL | 289268.4 | 3920632 | 9.81E-07 | 5YrCancerI | 9.81E-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 |
| 1483 | ALL | 289318.4 | 3920632 | 9.65E-07 | 5YrCancerI | 9.65E-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 |
| 1484 | ALL | 289368.4 | 3920632 | 9.48E-07 | 5YrCancerI | 9.48E-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 |
| 1485 | ALL | 289418.4 | 3920632 | 9.32E-07 | 5YrCancerI | 9.32E-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 |
| 1486 | ALL | 289468.4 | 3920632 | 9.16E-07 | 5YrCancerI | 9.16E-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 |
| 1487 | ALL | 289518.4 | 3920632 | 9.01E-07 | 5YrCancerI | 9.01E-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 |
| 1488 | ALL | 289568.4 | 3920632 | 8.86E-07 | 5YrCancerI | 8.86E-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 |
| 1489 | ALL | 289618.4 | 3920632 | 8.72E-07 | 5YrCancerI | 8.72E-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 |
| 1490 | ALL | 289668.4 | 3920632 | 8.57E-07 | 5YrCancerI | 8.57E-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 |
| 1491 | ALL | 289718.4 | 3920632 | 8.44E-07 | 5YrCancerI | 8.44E-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 |
| 1492 | ALL | 289768.4 | 3920632 | 8.31E-07 | 5YrCancerI | 8.31E-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 |
| 1493 | ALL | 289818.4 | 3920632 | 8.18E-07 | 5YrCancerI | 8.18E-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 |
| 1494 | ALL | 289868.4 | 3920632 | 8.06E-07 | 5YrCancerI | 8.06E-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 |
| 1495 | ALL | 289918.4 | 3920632 | 7.94E-07 | 5YrCancerI | 7.94E-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 |
| 1496 | ALL | 289968.4 | 3920632 | 7.82E-07 | 5YrCancerI | 7.82E-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 |
| 1497 | ALL | 290018.4 | 3920632 | 7.71E-07 | 5YrCancerI | 7.71E-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 |
| 1498 | ALL | 290068.4 | 3920632 | 7.60E-07 | 5YrCancerI | 7.60E-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 |
| 1499 | ALL | 290118.4 | 3920632 | 7.50E-07 | 5YrCancerI | 7.50E-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 |
| 1500 | ALL | 290168.4 | 3920632 | 7.39E-07 | 5YrCancerI | 7.39E-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 |
| 1501 | ALL | 290218.4 | 3920632 | 7.29E-07 | 5YrCancerI | 7.29E-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 |
| 1502 | ALL | 290268.4 | 3920632 | 7.19E-07 | 5YrCancerI | 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 |
| 1503 | ALL | 290318.4 | 3920632 | 7.09E-07 | 5YrCancerI | 7.09E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1504 | ALL | 290368.4 | 3920632 | 7.00E-07 | 5YrCancerI | 7.00E-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 |
| 1505 | ALL | 290418.4 | 3920632 | 6.91E-07 | 5YrCancerI | 6.91E-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 |
| 1506 | ALL | 290468.4 | 3920632 | 6.81E-07 | 5YrCancerI | 6.81E-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 |
| 1507 | ALL | 290518.4 | 3920632 | 6.73E-07 | 5YrCancerI | 6.73E-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 |
| 1508 | ALL | 290568.4 | 3920632 | 6.64E-07 | 5YrCancerI | 6.64E-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 |
| 1509 | ALL | 290618.4 | 3920632 | 6.56E-07 | 5YrCancerI | 6.56E-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 |
| 1510 | ALL | 289068.4 | 3920682 | 1.07E-06 | 5YrCancerI | 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 |
| 1511 | ALL | 289118.4 | 3920682 | 1.05E-06 | 5YrCancerI | 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 |
| 1512 | ALL | 289168.4 | 3920682 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 1513 | ALL | 289218.4 | 3920682 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 1514 | ALL | 289268.4 | 3920682 | 9.90E-07 | 5YrCancerI | 9.90E-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 |
| 1515 | ALL | 289318.4 | 3920682 | 9.73E-07 | 5YrCancerI | 9.73E-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 |
| 1516 | ALL | 289368.4 | 3920682 | 9.56E-07 | 5YrCancerI | 9.56E-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 |
| 1517 | ALL | 289418.4 | 3920682 | 9.39E-07 | 5YrCancerI | 9.39E-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 |
| 1518 | ALL | 289468.4 | 3920682 | 9.23E-07 | 5YrCancerI | 9.23E-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 |
| 1519 | ALL | 289518.4 | 3920682 | 9.07E-07 | 5YrCancerI | 9.07E-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 |
| 1520 | ALL | 289568.4 | 3920682 | 8.92E-07 | 5YrCancerI | 8.92E-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 |
| 1521 | ALL | 289618.4 | 3920682 | 8.77E-07 | 5YrCancerI | 8.77E-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 |
| 1522 | ALL | 289668.4 | 3920682 | 8.63E-07 | 5YrCancerI | 8.63E-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 |
| 1523 | ALL | 289718.4 | 3920682 | 8.49E-07 | 5YrCancerI | 8.49E-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 |
| 1524 | ALL | 289768.4 | 3920682 | 8.36E-07 | 5YrCancerI | 8.36E-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 |
| 1525 | ALL | 289818.4 | 3920682 | 8.23E-07 | 5YrCancerI | 8.23E-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 |
| 1526 | ALL | 289868.4 | 3920682 | 8.10E-07 | 5YrCancerI | 8.10E-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 |
| 1527 | ALL | 289918.4 | 3920682 | 7.98E-07 | 5YrCancerI | 7.98E-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 |
| 1528 | ALL | 289968.4 | 3920682 | 7.87E-07 | 5YrCancerI | 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 |
| 1529 | ALL | 290018.4 | 3920682 | 7.75E-07 | 5YrCancerI | 7.75E-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 |
| 1530 | ALL | 290068.4 | 3920682 | 7.64E-07 | 5YrCancerI | 7.64E-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 |
| 1531 | ALL | 290118.4 | 3920682 | 7.53E-07 | 5YrCancerI | 7.53E-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 |
| 1532 | ALL | 290168.4 | 3920682 | 7.42E-07 | 5YrCancerI | 7.42E-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 |
| 1533 | ALL | 290218.4 | 3920682 | 7.32E-07 | 5YrCancerI | 7.32E-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 |
| 1534 | ALL | 290268.4 | 3920682 | 7.22E-07 | 5YrCancerI | 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 |
| 1535 | ALL | 290318.4 | 3920682 | 7.12E-07 | 5YrCancerI | 7.12E-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 |
| 1536 | ALL | 290368.4 | 3920682 | 7.02E-07 | 5YrCancerI | 7.02E-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 |
| 1537 | ALL | 290418.4 | 3920682 | 6.93E-07 | 5YrCancerI | 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 |
| 1538 | ALL | 290468.4 | 3920682 | 6.84E-07 | 5YrCancerI | 6.84E-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 |
| 1539 | ALL | 290518.4 | 3920682 | 6.75E-07 | 5YrCancerI | 6.75E-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 |
| 1540 | ALL | 290568.4 | 3920682 | 6.66E-07 | 5YrCancerI | 6.66E-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 |
| 1541 | ALL | 290618.4 | 3920682 | 6.57E-07 | 5YrCancerI | 6.57E-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 |
| 1542 | ALL | 289068.4 | 3920732 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 1543 | ALL | 289118.4 | 3920732 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 1544 | ALL | 289168.4 | 3920732 | 1.04E-06 | 5YrCancerI | 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 |
| 1545 | ALL | 289218.4 | 3920732 | 1.02E-06 | 5YrCancerI | 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 |
| 1546 | ALL | 289268.4 | 3920732 | 9.99E-07 | 5YrCancerI | 9.99E-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 |
| 1547 | ALL | 289318.4 | 3920732 | 9.81E-07 | 5YrCancerI | 9.81E-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 |
| 1548 | ALL | 289368.4 | 3920732 | 9.64E-07 | 5YrCancerI | 9.64E-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 |
| 1549 | ALL | 289418.4 | 3920732 | 9.46E-07 | 5YrCancerI | 9.46E-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 |
| 1550 | ALL | 289468.4 | 3920732 | 9.30E-07 | 5YrCancerI | 9.30E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1551 | ALL | 289518.4 | 3920732 | 9.14E-07 | 5YrCancerI | 9.14E-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 |
| 1552 | ALL | 289568.4 | 3920732 | 8.99E-07 | 5YrCancerI | 8.99E-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 |
| 1553 | ALL | 289618.4 | 3920732 | 8.83E-07 | 5YrCancerI | 8.83E-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 |
| 1554 | ALL | 289668.4 | 3920732 | 8.69E-07 | 5YrCancerI | 8.69E-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 |
| 1555 | ALL | 289718.4 | 3920732 | 8.55E-07 | 5YrCancerI | 8.55E-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 |
| 1556 | ALL | 289768.4 | 3920732 | 8.41E-07 | 5YrCancerI | 8.41E-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 |
| 1557 | ALL | 289818.4 | 3920732 | 8.28E-07 | 5YrCancerI | 8.28E-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 |
| 1558 | ALL | 289868.4 | 3920732 | 8.15E-07 | 5YrCancerI | 8.15E-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 |
| 1559 | ALL | 289918.4 | 3920732 | 8.02E-07 | 5YrCancerI | 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 |
| 1560 | ALL | 289968.4 | 3920732 | 7.90E-07 | 5YrCancerI | 7.90E-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 |
| 1561 | ALL | 290018.4 | 3920732 | 7.79E-07 | 5YrCancerI | 7.79E-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 |
| 1562 | ALL | 290068.4 | 3920732 | 7.67E-07 | 5YrCancerI | 7.67E-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 |
| 1563 | ALL | 290118.4 | 3920732 | 7.56E-07 | 5YrCancerI | 7.56E-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 |
| 1564 | ALL | 290168.4 | 3920732 | 7.46E-07 | 5YrCancerI | 7.46E-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 |
| 1565 | ALL | 290218.4 | 3920732 | 7.35E-07 | 5YrCancerI | 7.35E-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 |
| 1566 | ALL | 290268.4 | 3920732 | 7.25E-07 | 5YrCancerI | 7.25E-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 |
| 1567 | ALL | 290318.4 | 3920732 | 7.15E-07 | 5YrCancerI | 7.15E-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 |
| 1568 | ALL | 290368.4 | 3920732 | 7.05E-07 | 5YrCancerI | 7.05E-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 |
| 1569 | ALL | 290418.4 | 3920732 | 6.95E-07 | 5YrCancerI | 6.95E-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 |
| 1570 | ALL | 290468.4 | 3920732 | 6.86E-07 | 5YrCancerI | 6.86E-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 |
| 1571 | ALL | 290518.4 | 3920732 | 6.76E-07 | 5YrCancerI | 6.76E-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 |
| 1572 | ALL | 290568.4 | 3920732 | 6.68E-07 | 5YrCancerI | 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 |
| 1573 | ALL | 290618.4 | 3920732 | 6.59E-07 | 5YrCancerI | 6.59E-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 |
| 1574 | ALL | 289068.4 | 3920782 | 1.09E-06 | 5YrCancerI | 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 |
| 1575 | ALL | 289118.4 | 3920782 | 1.07E-06 | 5YrCancerI | 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 |
| 1576 | ALL | 289168.4 | 3920782 | 1.05E-06 | 5YrCancerI | 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 |
| 1577 | ALL | 289218.4 | 3920782 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 1578 | ALL | 289268.4 | 3920782 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 1579 | ALL | 289318.4 | 3920782 | 9.89E-07 | 5YrCancerI | 9.89E-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 |
| 1580 | ALL | 289368.4 | 3920782 | 9.71E-07 | 5YrCancerI | 9.71E-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 |
| 1581 | ALL | 289418.4 | 3920782 | 9.54E-07 | 5YrCancerI | 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 |
| 1582 | ALL | 289468.4 | 3920782 | 9.37E-07 | 5YrCancerI | 9.37E-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 |
| 1583 | ALL | 289518.4 | 3920782 | 9.20E-07 | 5YrCancerI | 9.20E-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 |
| 1584 | ALL | 289568.4 | 3920782 | 9.05E-07 | 5YrCancerI | 9.05E-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 |
| 1585 | ALL | 289618.4 | 3920782 | 8.89E-07 | 5YrCancerI | 8.89E-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 |
| 1586 | ALL | 289668.4 | 3920782 | 8.74E-07 | 5YrCancerI | 8.74E-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 |
| 1587 | ALL | 289718.4 | 3920782 | 8.60E-07 | 5YrCancerI | 8.60E-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 |
| 1588 | ALL | 289768.4 | 3920782 | 8.46E-07 | 5YrCancerI | 8.46E-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 |
| 1589 | ALL | 289818.4 | 3920782 | 8.32E-07 | 5YrCancerI | 8.32E-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 |
| 1590 | ALL | 289868.4 | 3920782 | 8.19E-07 | 5YrCancerI | 8.19E-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 |
| 1591 | ALL | 289918.4 | 3920782 | 8.07E-07 | 5YrCancerI | 8.07E-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 |
| 1592 | ALL | 289968.4 | 3920782 | 7.94E-07 | 5YrCancerI | 7.94E-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 |
| 1593 | ALL | 290018.4 | 3920782 | 7.82E-07 | 5YrCancerI | 7.82E-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 |
| 1594 | ALL | 290068.4 | 3920782 | 7.71E-07 | 5YrCancerI | 7.71E-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 |
| 1595 | ALL | 290118.4 | 3920782 | 7.59E-07 | 5YrCancerI | 7.59E-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 |
| 1596 | ALL | 290168.4 | 3920782 | 7.48E-07 | 5YrCancerI | 7.48E-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 |
| 1597 | ALL | 290218.4 | 3920782 | 7.38E-07 | 5YrCancerI | 7.38E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1598 | ALL | 290268.4 | 3920782 | 7.27E-07 | 5YrCancerI | 7.27E-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 |
| 1599 | ALL | 290318.4 | 3920782 | 7.17E-07 | 5YrCancerI | 7.17E-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 |
| 1600 | ALL | 290368.4 | 3920782 | 7.07E-07 | 5YrCancerI | 7.07E-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 |
| 1601 | ALL | 290418.4 | 3920782 | 6.97E-07 | 5YrCancerI | 6.97E-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 |
| 1602 | ALL | 290468.4 | 3920782 | 6.87E-07 | 5YrCancerI | 6.87E-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 |
| 1603 | ALL | 290518.4 | 3920782 | 6.78E-07 | 5YrCancerI | 6.78E-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 |
| 1604 | ALL | 290568.4 | 3920782 | 6.69E-07 | 5YrCancerI | 6.69E-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 |
| 1605 | ALL | 290618.4 | 3920782 | 6.60E-07 | 5YrCancerI | 6.60E-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 |
| 1606 | ALL | 289068.4 | 3920832 | 1.10E-06 | 5YrCancerI | 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 |
| 1607 | ALL | 289118.4 | 3920832 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 1608 | ALL | 289168.4 | 3920832 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 1609 | ALL | 289218.4 | 3920832 | 1.04E-06 | 5YrCancerI | 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 |
| 1610 | ALL | 289268.4 | 3920832 | 1.02E-06 | 5YrCancerI | 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 |
| 1611 | ALL | 289318.4 | 3920832 | 9.98E-07 | 5YrCancerI | 9.98E-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 |
| 1612 | ALL | 289368.4 | 3920832 | 9.79E-07 | 5YrCancerI | 9.79E-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 |
| 1613 | ALL | 289418.4 | 3920832 | 9.61E-07 | 5YrCancerI | 9.61E-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 |
| 1614 | ALL | 289468.4 | 3920832 | 9.43E-07 | 5YrCancerI | 9.43E-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 |
| 1615 | ALL | 289518.4 | 3920832 | 9.27E-07 | 5YrCancerI | 9.27E-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 |
| 1616 | ALL | 289568.4 | 3920832 | 9.10E-07 | 5YrCancerI | 9.10E-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 |
| 1617 | ALL | 289618.4 | 3920832 | 8.95E-07 | 5YrCancerI | 8.95E-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 |
| 1618 | ALL | 289668.4 | 3920832 | 8.80E-07 | 5YrCancerI | 8.80E-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 |
| 1619 | ALL | 289718.4 | 3920832 | 8.65E-07 | 5YrCancerI | 8.65E-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 |
| 1620 | ALL | 289768.4 | 3920832 | 8.51E-07 | 5YrCancerI | 8.51E-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 |
| 1621 | ALL | 289818.4 | 3920832 | 8.37E-07 | 5YrCancerI | 8.37E-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 |
| 1622 | ALL | 289868.4 | 3920832 | 8.23E-07 | 5YrCancerI | 8.23E-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 |
| 1623 | ALL | 289918.4 | 3920832 | 8.10E-07 | 5YrCancerI | 8.10E-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 |
| 1624 | ALL | 289968.4 | 3920832 | 7.98E-07 | 5YrCancerI | 7.98E-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 |
| 1625 | ALL | 290018.4 | 3920832 | 7.85E-07 | 5YrCancerI | 7.85E-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 |
| 1626 | ALL | 290068.4 | 3920832 | 7.74E-07 | 5YrCancerI | 7.74E-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 |
| 1627 | ALL | 290118.4 | 3920832 | 7.62E-07 | 5YrCancerI | 7.62E-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 |
| 1628 | ALL | 290168.4 | 3920832 | 7.51E-07 | 5YrCancerI | 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 |
| 1629 | ALL | 290218.4 | 3920832 | 7.40E-07 | 5YrCancerI | 7.40E-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 |
| 1630 | ALL | 290268.4 | 3920832 | 7.30E-07 | 5YrCancerI | 7.30E-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 |
| 1631 | ALL | 290318.4 | 3920832 | 7.19E-07 | 5YrCancerI | 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 |
| 1632 | ALL | 290368.4 | 3920832 | 7.09E-07 | 5YrCancerI | 7.09E-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 |
| 1633 | ALL | 290418.4 | 3920832 | 6.99E-07 | 5YrCancerI | 6.99E-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 |
| 1634 | ALL | 290468.4 | 3920832 | 6.89E-07 | 5YrCancerI | 6.89E-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 |
| 1635 | ALL | 290518.4 | 3920832 | 6.80E-07 | 5YrCancerI | 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 |
| 1636 | ALL | 290568.4 | 3920832 | 6.70E-07 | 5YrCancerI | 6.70E-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 |
| 1637 | ALL | 290618.4 | 3920832 | 6.62E-07 | 5YrCancerI | 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 |
| 1638 | ALL | 289068.4 | 3920882 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 1639 | ALL | 289118.4 | 3920882 | 1.09E-06 | 5YrCancerI | 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 |
| 1640 | ALL | 289168.4 | 3920882 | 1.07E-06 | 5YrCancerI | 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 |
| 1641 | ALL | 289218.4 | 3920882 | 1.05E-06 | 5YrCancerI | 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 |
| 1642 | ALL | 289268.4 | 3920882 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 1643 | ALL | 289318.4 | 3920882 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 1644 | ALL | 289368.4 | 3920882 | 9.86E-07 | 5YrCancerI | 9.86E-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 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1645 | ALL | 289418.4 | 3920882 | 9.68E-07 | 5YrCancerI | 9.68E-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 | 0.00E+00 |
| 1646 | ALL | 289468.4 | 3920882 | 9.50E-07 | 5YrCancerI | 9.50E-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 | 0.00E+00 |
| 1647 | ALL | 289518.4 | 3920882 | 9.33E-07 | 5YrCancerI | 9.33E-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 | 0.00E+00 |
| 1648 | ALL | 289568.4 | 3920882 | 9.16E-07 | 5YrCancerI | 9.16E-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 | 0.00E+00 |
| 1649 | ALL | 289618.4 | 3920882 | 9.00E-07 | 5YrCancerI | 9.00E-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 | 0.00E+00 |
| 1650 | ALL | 289668.4 | 3920882 | 8.85E-07 | 5YrCancerI | 8.85E-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 | 0.00E+00 |
| 1651 | ALL | 289718.4 | 3920882 | 8.70E-07 | 5YrCancerI | 8.70E-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 | 0.00E+00 |
| 1652 | ALL | 289768.4 | 3920882 | 8.55E-07 | 5YrCancerI | 8.55E-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 | 0.00E+00 |
| 1653 | ALL | 289818.4 | 3920882 | 8.41E-07 | 5YrCancerI | 8.41E-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 | 0.00E+00 |
| 1654 | ALL | 289868.4 | 3920882 | 8.27E-07 | 5YrCancerI | 8.27E-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 | 0.00E+00 |
| 1655 | ALL | 289918.4 | 3920882 | 8.14E-07 | 5YrCancerI | 8.14E-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 | 0.00E+00 |
| 1656 | ALL | 289968.4 | 3920882 | 8.01E-07 | 5YrCancerI | 8.01E-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 | 0.00E+00 |
| 1657 | ALL | 290018.4 | 3920882 | 7.88E-07 | 5YrCancerI | 7.88E-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 | 0.00E+00 |
| 1658 | ALL | 290068.4 | 3920882 | 7.76E-07 | 5YrCancerI | 7.76E-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 | 0.00E+00 |
| 1659 | ALL | 290118.4 | 3920882 | 7.65E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1660 | ALL | 290168.4 | 3920882 | 7.53E-07 | 5YrCancerI | 7.53E-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 | 0.00E+00 |
| 1661 | ALL | 290218.4 | 3920882 | 7.42E-07 | 5YrCancerI | 7.42E-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 | 0.00E+00 |
| 1662 | ALL | 290268.4 | 3920882 | 7.31E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1663 | ALL | 290318.4 | 3920882 | 7.21E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1664 | ALL | 290368.4 | 3920882 | 7.10E-07 | 5YrCancerI | 7.10E-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 | 0.00E+00 |
| 1665 | ALL | 290418.4 | 3920882 | 7.00E-07 | 5YrCancerI | 7.00E-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 | 0.00E+00 |
| 1666 | ALL | 290468.4 | 3920882 | 6.90E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1667 | ALL | 290518.4 | 3920882 | 6.81E-07 | 5YrCancerI | 6.81E-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 | 0.00E+00 |
| 1668 | ALL | 290568.4 | 3920882 | 6.72E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1669 | ALL | 290618.4 | 3920882 | 6.63E-07 | 5YrCancerI | 6.63E-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 | 0.00E+00 |
| 1670 | ALL | 289068.4 | 3920932 | 1.12E-06 | 5YrCancerI | 1.12E-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 | 0.00E+00 |
| 1671 | ALL | 289118.4 | 3920932 | 1.10E-06 | 5YrCancerI | 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 | 0.00E+00 |
| 1672 | ALL | 289168.4 | 3920932 | 1.08E-06 | 5YrCancerI | 1.08E-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 | 0.00E+00 |
| 1673 | ALL | 289218.4 | 3920932 | 1.05E-06 | 5YrCancerI | 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 | 0.00E+00 |
| 1674 | ALL | 289268.4 | 3920932 | 1.03E-06 | 5YrCancerI | 1.03E-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 | 0.00E+00 |
| 1675 | ALL | 289318.4 | 3920932 | 1.01E-06 | 5YrCancerI | 1.01E-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 | 0.00E+00 |
| 1676 | ALL | 289368.4 | 3920932 | 9.93E-07 | 5YrCancerI | 9.93E-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 | 0.00E+00 |
| 1677 | ALL | 289418.4 | 3920932 | 9.74E-07 | 5YrCancerI | 9.74E-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 | 0.00E+00 |
| 1678 | ALL | 289468.4 | 3920932 | 9.56E-07 | 5YrCancerI | 9.56E-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 | 0.00E+00 |
| 1679 | ALL | 289518.4 | 3920932 | 9.38E-07 | 5YrCancerI | 9.38E-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 | 0.00E+00 |
| 1680 | ALL | 289568.4 | 3920932 | 9.21E-07 | 5YrCancerI | 9.21E-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 | 0.00E+00 |
| 1681 | ALL | 289618.4 | 3920932 | 9.05E-07 | 5YrCancerI | 9.05E-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 | 0.00E+00 |
| 1682 | ALL | 289668.4 | 3920932 | 8.89E-07 | 5YrCancerI | 8.89E-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 | 0.00E+00 |
| 1683 | ALL | 289718.4 | 3920932 | 8.74E-07 | 5YrCancerI | 8.74E-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 | 0.00E+00 |
| 1684 | ALL | 289768.4 | 3920932 | 8.59E-07 | 5YrCancerI | 8.59E-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 | 0.00E+00 |
| 1685 | ALL | 289818.4 | 3920932 | 8.45E-07 | 5YrCancerI | 8.45E-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 | 0.00E+00 |
| 1686 | ALL | 289868.4 | 3920932 | 8.31E-07 | 5YrCancerI | 8.31E-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 | 0.00E+00 |
| 1687 | ALL | 289918.4 | 3920932 | 8.17E-07 | 5YrCancerI | 8.17E-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 | 0.00E+00 |
| 1688 | ALL | 289968.4 | 3920932 | 8.04E-07 | 5YrCancerI | 8.04E-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 | 0.00E+00 |
| 1689 | ALL | 290018.4 | 3920932 | 7.91E-07 | 5YrCancerI | 7.91E-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 | 0.00E+00 |
| 1690 | ALL | 290068.4 | 3920932 | 7.79E-07 | 5YrCancerI | 7.79E-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 | 0.00E+00 |
| 1691 | ALL | 290118.4 | 3920932 | 7.67E-07 | 5YrCancerI | 7.67E-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 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1692 | ALL | 290168.4 | 3920932 | 7.55E-07 | 5YrCancerI | 7.55E-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 |
| 1693 | ALL | 290218.4 | 3920932 | 7.44E-07 | 5YrCancerI | 7.44E-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 |
| 1694 | ALL | 290268.4 | 3920932 | 7.33E-07 | 5YrCancerI | 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 |
| 1695 | ALL | 290318.4 | 3920932 | 7.22E-07 | 5YrCancerI | 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 |
| 1696 | ALL | 290368.4 | 3920932 | 7.12E-07 | 5YrCancerI | 7.12E-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 |
| 1697 | ALL | 290418.4 | 3920932 | 7.01E-07 | 5YrCancerI | 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 |
| 1698 | ALL | 290468.4 | 3920932 | 6.91E-07 | 5YrCancerI | 6.91E-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 |
| 1699 | ALL | 290518.4 | 3920932 | 6.82E-07 | 5YrCancerI | 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 |
| 1700 | ALL | 290568.4 | 3920932 | 6.72E-07 | 5YrCancerI | 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 |
| 1701 | ALL | 290618.4 | 3920932 | 6.64E-07 | 5YrCancerI | 6.64E-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 |
| 1702 | ALL | 289068.4 | 3920982 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 1703 | ALL | 289118.4 | 3920982 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 1704 | ALL | 289168.4 | 3920982 | 1.09E-06 | 5YrCancerI | 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 |
| 1705 | ALL | 289218.4 | 3920982 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 1706 | ALL | 289268.4 | 3920982 | 1.04E-06 | 5YrCancerI | 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 |
| 1707 | ALL | 289318.4 | 3920982 | 1.02E-06 | 5YrCancerI | 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 |
| 1708 | ALL | 289368.4 | 3920982 | 1.00E-06 | 5YrCancerI | 1.00E-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 |
| 1709 | ALL | 289418.4 | 3920982 | 9.80E-07 | 5YrCancerI | 9.80E-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 |
| 1710 | ALL | 289468.4 | 3920982 | 9.62E-07 | 5YrCancerI | 9.62E-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 |
| 1711 | ALL | 289518.4 | 3920982 | 9.43E-07 | 5YrCancerI | 9.43E-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 |
| 1712 | ALL | 289568.4 | 3920982 | 9.26E-07 | 5YrCancerI | 9.26E-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 |
| 1713 | ALL | 289618.4 | 3920982 | 9.10E-07 | 5YrCancerI | 9.10E-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 |
| 1714 | ALL | 289668.4 | 3920982 | 8.94E-07 | 5YrCancerI | 8.94E-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 |
| 1715 | ALL | 289718.4 | 3920982 | 8.78E-07 | 5YrCancerI | 8.78E-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 |
| 1716 | ALL | 289768.4 | 3920982 | 8.63E-07 | 5YrCancerI | 8.63E-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 |
| 1717 | ALL | 289818.4 | 3920982 | 8.48E-07 | 5YrCancerI | 8.48E-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 |
| 1718 | ALL | 289868.4 | 3920982 | 8.33E-07 | 5YrCancerI | 8.33E-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 |
| 1719 | ALL | 289918.4 | 3920982 | 8.20E-07 | 5YrCancerI | 8.20E-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 |
| 1720 | ALL | 289968.4 | 3920982 | 8.06E-07 | 5YrCancerI | 8.06E-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 |
| 1721 | ALL | 290018.4 | 3920982 | 7.93E-07 | 5YrCancerI | 7.93E-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 |
| 1722 | ALL | 290068.4 | 3920982 | 7.81E-07 | 5YrCancerI | 7.81E-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 |
| 1723 | ALL | 290118.4 | 3920982 | 7.68E-07 | 5YrCancerI | 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 |
| 1724 | ALL | 290168.4 | 3920982 | 7.57E-07 | 5YrCancerI | 7.57E-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 |
| 1725 | ALL | 290218.4 | 3920982 | 7.45E-07 | 5YrCancerI | 7.45E-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 |
| 1726 | ALL | 290268.4 | 3920982 | 7.34E-07 | 5YrCancerI | 7.34E-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 |
| 1727 | ALL | 290318.4 | 3920982 | 7.23E-07 | 5YrCancerI | 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 |
| 1728 | ALL | 290368.4 | 3920982 | 7.13E-07 | 5YrCancerI | 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 |
| 1729 | ALL | 290418.4 | 3920982 | 7.02E-07 | 5YrCancerI | 7.02E-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 |
| 1730 | ALL | 290468.4 | 3920982 | 6.92E-07 | 5YrCancerI | 6.92E-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 |
| 1731 | ALL | 290518.4 | 3920982 | 6.83E-07 | 5YrCancerI | 6.83E-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 |
| 1732 | ALL | 290568.4 | 3920982 | 6.74E-07 | 5YrCancerI | 6.74E-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 |
| 1733 | ALL | 290618.4 | 3920982 | 6.65E-07 | 5YrCancerI | 6.65E-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 |
| 1734 | ALL | 290668.4 | 3920982 | 6.56E-07 | 5YrCancerI | 6.56E-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 |
| 1735 | ALL | 289068.4 | 3921032 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 1736 | ALL | 289118.4 | 3921032 | 1.12E-06 | 5YrCancerI | 1.12E-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 |
| 1737 | ALL | 289168.4 | 3921032 | 1.09E-06 | 5YrCancerI | 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 |
| 1738 | ALL | 289218.4 | 3921032 | 1.07E-06 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1739 | ALL | 289268.4 | 3921032 | 1.05E-06 | 5YrCancerI | 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 |
| 1740 | ALL | 289318.4 | 3921032 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 1741 | ALL | 289368.4 | 3921032 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 1742 | ALL | 289418.4 | 3921032 | 9.86E-07 | 5YrCancerI | 9.86E-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 |
| 1743 | ALL | 289468.4 | 3921032 | 9.66E-07 | 5YrCancerI | 9.66E-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 |
| 1744 | ALL | 289518.4 | 3921032 | 9.48E-07 | 5YrCancerI | 9.48E-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 |
| 1745 | ALL | 289568.4 | 3921032 | 9.30E-07 | 5YrCancerI | 9.30E-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 |
| 1746 | ALL | 289618.4 | 3921032 | 9.14E-07 | 5YrCancerI | 9.14E-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 |
| 1747 | ALL | 289668.4 | 3921032 | 8.97E-07 | 5YrCancerI | 8.97E-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 |
| 1748 | ALL | 289718.4 | 3921032 | 8.82E-07 | 5YrCancerI | 8.82E-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 |
| 1749 | ALL | 289768.4 | 3921032 | 8.66E-07 | 5YrCancerI | 8.66E-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 |
| 1750 | ALL | 289818.4 | 3921032 | 8.51E-07 | 5YrCancerI | 8.51E-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 |
| 1751 | ALL | 289868.4 | 3921032 | 8.36E-07 | 5YrCancerI | 8.36E-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 |
| 1752 | ALL | 289918.4 | 3921032 | 8.22E-07 | 5YrCancerI | 8.22E-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 |
| 1753 | ALL | 289968.4 | 3921032 | 8.08E-07 | 5YrCancerI | 8.08E-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 |
| 1754 | ALL | 290018.4 | 3921032 | 7.95E-07 | 5YrCancerI | 7.95E-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 |
| 1755 | ALL | 290068.4 | 3921032 | 7.82E-07 | 5YrCancerI | 7.82E-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 |
| 1756 | ALL | 290118.4 | 3921032 | 7.70E-07 | 5YrCancerI | 7.70E-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 |
| 1757 | ALL | 290168.4 | 3921032 | 7.58E-07 | 5YrCancerI | 7.58E-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 |
| 1758 | ALL | 290218.4 | 3921032 | 7.47E-07 | 5YrCancerI | 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 |
| 1759 | ALL | 290268.4 | 3921032 | 7.36E-07 | 5YrCancerI | 7.36E-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 |
| 1760 | ALL | 290318.4 | 3921032 | 7.25E-07 | 5YrCancerI | 7.25E-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 |
| 1761 | ALL | 290368.4 | 3921032 | 7.14E-07 | 5YrCancerI | 7.14E-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 |
| 1762 | ALL | 290418.4 | 3921032 | 7.04E-07 | 5YrCancerI | 7.04E-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 |
| 1763 | ALL | 290468.4 | 3921032 | 6.94E-07 | 5YrCancerI | 6.94E-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 |
| 1764 | ALL | 290518.4 | 3921032 | 6.84E-07 | 5YrCancerI | 6.84E-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 |
| 1765 | ALL | 290568.4 | 3921032 | 6.75E-07 | 5YrCancerI | 6.75E-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 |
| 1766 | ALL | 290618.4 | 3921032 | 6.66E-07 | 5YrCancerI | 6.66E-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 |
| 1767 | ALL | 290668.4 | 3921032 | 6.57E-07 | 5YrCancerI | 6.57E-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 |
| 1768 | ALL | 289068.4 | 3921082 | 1.15E-06 | 5YrCancerI | 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 |
| 1769 | ALL | 289118.4 | 3921082 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 1770 | ALL | 289168.4 | 3921082 | 1.10E-06 | 5YrCancerI | 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 |
| 1771 | ALL | 289218.4 | 3921082 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 1772 | ALL | 289268.4 | 3921082 | 1.05E-06 | 5YrCancerI | 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 |
| 1773 | ALL | 289318.4 | 3921082 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 1774 | ALL | 289368.4 | 3921082 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 1775 | ALL | 289418.4 | 3921082 | 9.90E-07 | 5YrCancerI | 9.90E-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 |
| 1776 | ALL | 289468.4 | 3921082 | 9.71E-07 | 5YrCancerI | 9.71E-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 |
| 1777 | ALL | 289518.4 | 3921082 | 9.52E-07 | 5YrCancerI | 9.52E-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 |
| 1778 | ALL | 289568.4 | 3921082 | 9.34E-07 | 5YrCancerI | 9.34E-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 |
| 1779 | ALL | 289618.4 | 3921082 | 9.17E-07 | 5YrCancerI | 9.17E-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 |
| 1780 | ALL | 289668.4 | 3921082 | 9.01E-07 | 5YrCancerI | 9.01E-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 |
| 1781 | ALL | 289718.4 | 3921082 | 8.85E-07 | 5YrCancerI | 8.85E-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 |
| 1782 | ALL | 289768.4 | 3921082 | 8.69E-07 | 5YrCancerI | 8.69E-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 |
| 1783 | ALL | 289818.4 | 3921082 | 8.54E-07 | 5YrCancerI | 8.54E-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 |
| 1784 | ALL | 289868.4 | 3921082 | 8.39E-07 | 5YrCancerI | 8.39E-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 |
| 1785 | ALL | 289918.4 | 3921082 | 8.24E-07 | 5YrCancerI | 8.24E-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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1786 | ALL | 289968.4 | 3921082 | 8.10E-07 | 5YrCancerI | 8.10E-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 |
| 1787 | ALL | 290018.4 | 3921082 | 7.97E-07 | 5YrCancerI | 7.97E-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 |
| 1788 | ALL | 290068.4 | 3921082 | 7.84E-07 | 5YrCancerI | 7.84E-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 |
| 1789 | ALL | 290118.4 | 3921082 | 7.71E-07 | 5YrCancerI | 7.71E-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 |
| 1790 | ALL | 290168.4 | 3921082 | 7.60E-07 | 5YrCancerI | 7.60E-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 |
| 1791 | ALL | 290218.4 | 3921082 | 7.48E-07 | 5YrCancerI | 7.48E-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 |
| 1792 | ALL | 290268.4 | 3921082 | 7.37E-07 | 5YrCancerI | 7.37E-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 |
| 1793 | ALL | 290318.4 | 3921082 | 7.26E-07 | 5YrCancerI | 7.26E-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 |
| 1794 | ALL | 290368.4 | 3921082 | 7.15E-07 | 5YrCancerI | 7.15E-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 |
| 1795 | ALL | 290418.4 | 3921082 | 7.05E-07 | 5YrCancerI | 7.05E-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 |
| 1796 | ALL | 290468.4 | 3921082 | 6.95E-07 | 5YrCancerI | 6.95E-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 |
| 1797 | ALL | 290518.4 | 3921082 | 6.85E-07 | 5YrCancerI | 6.85E-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 |
| 1798 | ALL | 290568.4 | 3921082 | 6.76E-07 | 5YrCancerI | 6.76E-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 |
| 1799 | ALL | 290618.4 | 3921082 | 6.67E-07 | 5YrCancerI | 6.67E-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 |
| 1800 | ALL | 290668.4 | 3921082 | 6.58E-07 | 5YrCancerI | 6.58E-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 |
| 1801 | ALL | 289068.4 | 3921132 | 1.16E-06 | 5YrCancerI | 1.16E-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 |
| 1802 | ALL | 289118.4 | 3921132 | 1.14E-06 | 5YrCancerI | 1.14E-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 |
| 1803 | ALL | 289168.4 | 3921132 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 1804 | ALL | 289218.4 | 3921132 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 1805 | ALL | 289268.4 | 3921132 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 1806 | ALL | 289318.4 | 3921132 | 1.04E-06 | 5YrCancerI | 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 |
| 1807 | ALL | 289368.4 | 3921132 | 1.02E-06 | 5YrCancerI | 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 |
| 1808 | ALL | 289418.4 | 3921132 | 9.95E-07 | 5YrCancerI | 9.95E-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 |
| 1809 | ALL | 289468.4 | 3921132 | 9.75E-07 | 5YrCancerI | 9.75E-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 |
| 1810 | ALL | 289518.4 | 3921132 | 9.55E-07 | 5YrCancerI | 9.55E-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 |
| 1811 | ALL | 289568.4 | 3921132 | 9.37E-07 | 5YrCancerI | 9.37E-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 |
| 1812 | ALL | 289618.4 | 3921132 | 9.20E-07 | 5YrCancerI | 9.20E-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 |
| 1813 | ALL | 289668.4 | 3921132 | 9.04E-07 | 5YrCancerI | 9.04E-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 |
| 1814 | ALL | 289718.4 | 3921132 | 8.88E-07 | 5YrCancerI | 8.88E-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 |
| 1815 | ALL | 289768.4 | 3921132 | 8.72E-07 | 5YrCancerI | 8.72E-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 |
| 1816 | ALL | 289818.4 | 3921132 | 8.56E-07 | 5YrCancerI | 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 |
| 1817 | ALL | 289868.4 | 3921132 | 8.41E-07 | 5YrCancerI | 8.41E-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 |
| 1818 | ALL | 289918.4 | 3921132 | 8.26E-07 | 5YrCancerI | 8.26E-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 |
| 1819 | ALL | 289968.4 | 3921132 | 8.12E-07 | 5YrCancerI | 8.12E-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 |
| 1820 | ALL | 290018.4 | 3921132 | 7.98E-07 | 5YrCancerI | 7.98E-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 |
| 1821 | ALL | 290068.4 | 3921132 | 7.85E-07 | 5YrCancerI | 7.85E-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 |
| 1822 | ALL | 290118.4 | 3921132 | 7.73E-07 | 5YrCancerI | 7.73E-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 |
| 1823 | ALL | 290168.4 | 3921132 | 7.61E-07 | 5YrCancerI | 7.61E-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 |
| 1824 | ALL | 290218.4 | 3921132 | 7.49E-07 | 5YrCancerI | 7.49E-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 |
| 1825 | ALL | 290268.4 | 3921132 | 7.38E-07 | 5YrCancerI | 7.38E-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 |
| 1826 | ALL | 290318.4 | 3921132 | 7.27E-07 | 5YrCancerI | 7.27E-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 |
| 1827 | ALL | 290368.4 | 3921132 | 7.16E-07 | 5YrCancerI | 7.16E-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 |
| 1828 | ALL | 290418.4 | 3921132 | 7.06E-07 | 5YrCancerI | 7.06E-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 |
| 1829 | ALL | 290468.4 | 3921132 | 6.96E-07 | 5YrCancerI | 6.96E-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 |
| 1830 | ALL | 290518.4 | 3921132 | 6.86E-07 | 5YrCancerI | 6.86E-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 |
| 1831 | ALL | 290568.4 | 3921132 | 6.77E-07 | 5YrCancerI | 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 |
| 1832 | ALL | 290618.4 | 3921132 | 6.67E-07 | 5YrCancerI | 6.67E-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 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1833 | ALL | 290668.4 | 3921132 | 6.58E-07 | 5YrCancerI | 6.58E-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 | 0.00E+00 |
| 1834 | ALL | 289068.4 | 3921182 | 1.17E-06 | 5YrCancerI | 1.17E-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 | 0.00E+00 |
| 1835 | ALL | 289118.4 | 3921182 | 1.14E-06 | 5YrCancerI | 1.14E-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 | 0.00E+00 |
| 1836 | ALL | 289168.4 | 3921182 | 1.12E-06 | 5YrCancerI | 1.12E-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 | 0.00E+00 |
| 1837 | ALL | 289218.4 | 3921182 | 1.09E-06 | 5YrCancerI | 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 | 0.00E+00 |
| 1838 | ALL | 289268.4 | 3921182 | 1.07E-06 | 5YrCancerI | 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 | 0.00E+00 |
| 1839 | ALL | 289318.4 | 3921182 | 1.04E-06 | 5YrCancerI | 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 | 0.00E+00 |
| 1840 | ALL | 289368.4 | 3921182 | 1.02E-06 | 5YrCancerI | 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 | 0.00E+00 |
| 1841 | ALL | 289418.4 | 3921182 | 9.99E-07 | 5YrCancerI | 9.99E-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 | 0.00E+00 |
| 1842 | ALL | 289468.4 | 3921182 | 9.78E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1843 | ALL | 289518.4 | 3921182 | 9.59E-07 | 5YrCancerI | 9.59E-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 | 0.00E+00 |
| 1844 | ALL | 289568.4 | 3921182 | 9.40E-07 | 5YrCancerI | 9.40E-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 | 0.00E+00 |
| 1845 | ALL | 289618.4 | 3921182 | 9.22E-07 | 5YrCancerI | 9.22E-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 | 0.00E+00 |
| 1846 | ALL | 289668.4 | 3921182 | 9.06E-07 | 5YrCancerI | 9.06E-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 | 0.00E+00 |
| 1847 | ALL | 289718.4 | 3921182 | 8.90E-07 | 5YrCancerI | 8.90E-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 | 0.00E+00 |
| 1848 | ALL | 289768.4 | 3921182 | 8.74E-07 | 5YrCancerI | 8.74E-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 | 0.00E+00 |
| 1849 | ALL | 289818.4 | 3921182 | 8.58E-07 | 5YrCancerI | 8.58E-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 | 0.00E+00 |
| 1850 | ALL | 289868.4 | 3921182 | 8.43E-07 | 5YrCancerI | 8.43E-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 | 0.00E+00 |
| 1851 | ALL | 289918.4 | 3921182 | 8.28E-07 | 5YrCancerI | 8.28E-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 | 0.00E+00 |
| 1852 | ALL | 289968.4 | 3921182 | 8.14E-07 | 5YrCancerI | 8.14E-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 | 0.00E+00 |
| 1853 | ALL | 290018.4 | 3921182 | 8.00E-07 | 5YrCancerI | 8.00E-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 | 0.00E+00 |
| 1854 | ALL | 290068.4 | 3921182 | 7.87E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1855 | ALL | 290118.4 | 3921182 | 7.74E-07 | 5YrCancerI | 7.74E-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 | 0.00E+00 |
| 1856 | ALL | 290168.4 | 3921182 | 7.62E-07 | 5YrCancerI | 7.62E-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 | 0.00E+00 |
| 1857 | ALL | 290218.4 | 3921182 | 7.50E-07 | 5YrCancerI | 7.50E-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 | 0.00E+00 |
| 1858 | ALL | 290268.4 | 3921182 | 7.39E-07 | 5YrCancerI | 7.39E-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 | 0.00E+00 |
| 1859 | ALL | 290318.4 | 3921182 | 7.28E-07 | 5YrCancerI | 7.28E-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 | 0.00E+00 |
| 1860 | ALL | 290368.4 | 3921182 | 7.17E-07 | 5YrCancerI | 7.17E-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 | 0.00E+00 |
| 1861 | ALL | 290418.4 | 3921182 | 7.07E-07 | 5YrCancerI | 7.07E-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 | 0.00E+00 |
| 1862 | ALL | 290468.4 | 3921182 | 6.97E-07 | 5YrCancerI | 6.97E-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 | 0.00E+00 |
| 1863 | ALL | 290518.4 | 3921182 | 6.86E-07 | 5YrCancerI | 6.86E-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 | 0.00E+00 |
| 1864 | ALL | 290568.4 | 3921182 | 6.77E-07 | 5YrCancerI | 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 | 0.00E+00 |
| 1865 | ALL | 290618.4 | 3921182 | 6.67E-07 | 5YrCancerI | 6.67E-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 | 0.00E+00 |
| 1866 | ALL | 290668.4 | 3921182 | 6.58E-07 | 5YrCancerI | 6.58E-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 | 0.00E+00 |
| 1867 | ALL | 289068.4 | 3921232 | 1.18E-06 | 5YrCancerI | 1.18E-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 | 0.00E+00 |
| 1868 | ALL | 289118.4 | 3921232 | 1.15E-06 | 5YrCancerI | 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 | 0.00E+00 |
| 1869 | ALL | 289168.4 | 3921232 | 1.12E-06 | 5YrCancerI | 1.12E-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 | 0.00E+00 |
| 1870 | ALL | 289218.4 | 3921232 | 1.10E-06 | 5YrCancerI | 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 | 0.00E+00 |
| 1871 | ALL | 289268.4 | 3921232 | 1.07E-06 | 5YrCancerI | 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 | 0.00E+00 |
| 1872 | ALL | 289318.4 | 3921232 | 1.05E-06 | 5YrCancerI | 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 | 0.00E+00 |
| 1873 | ALL | 289368.4 | 3921232 | 1.03E-06 | 5YrCancerI | 1.03E-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 | 0.00E+00 |
| 1874 | ALL | 289418.4 | 3921232 | 1.00E-06 | 5YrCancerI | 1.00E-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 | 0.00E+00 |
| 1875 | ALL | 289468.4 | 3921232 | 9.82E-07 | 5YrCancerI | 9.82E-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 | 0.00E+00 |
| 1876 | ALL | 289518.4 | 3921232 | 9.62E-07 | 5YrCancerI | 9.62E-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 | 0.00E+00 |
| 1877 | ALL | 289568.4 | 3921232 | 9.43E-07 | 5YrCancerI | 9.43E-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 | 0.00E+00 |
| 1878 | ALL | 289618.4 | 3921232 | 9.25E-07 | 5YrCancerI | 9.25E-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 | 0.00E+00 |
| 1879 | ALL | 289668.4 | 3921232 | 9.08E-07 | 5YrCancerI | 9.08E-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 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1880 | ALL | 289718.4 | 3921232 | 8.91E-07 | 5YrCancerI | 8.91E-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 |
| 1881 | ALL | 289768.4 | 3921232 | 8.75E-07 | 5YrCancerI | 8.75E-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 |
| 1882 | ALL | 289818.4 | 3921232 | 8.60E-07 | 5YrCancerI | 8.60E-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 |
| 1883 | ALL | 289868.4 | 3921232 | 8.45E-07 | 5YrCancerI | 8.45E-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 |
| 1884 | ALL | 289918.4 | 3921232 | 8.30E-07 | 5YrCancerI | 8.30E-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 |
| 1885 | ALL | 289968.4 | 3921232 | 8.16E-07 | 5YrCancerI | 8.16E-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 |
| 1886 | ALL | 290018.4 | 3921232 | 8.02E-07 | 5YrCancerI | 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 |
| 1887 | ALL | 290068.4 | 3921232 | 7.88E-07 | 5YrCancerI | 7.88E-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 |
| 1888 | ALL | 290118.4 | 3921232 | 7.75E-07 | 5YrCancerI | 7.75E-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 |
| 1889 | ALL | 290168.4 | 3921232 | 7.63E-07 | 5YrCancerI | 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 |
| 1890 | ALL | 290218.4 | 3921232 | 7.51E-07 | 5YrCancerI | 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 |
| 1891 | ALL | 290268.4 | 3921232 | 7.40E-07 | 5YrCancerI | 7.40E-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 |
| 1892 | ALL | 290318.4 | 3921232 | 7.29E-07 | 5YrCancerI | 7.29E-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 |
| 1893 | ALL | 290368.4 | 3921232 | 7.18E-07 | 5YrCancerI | 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 |
| 1894 | ALL | 290418.4 | 3921232 | 7.07E-07 | 5YrCancerI | 7.07E-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 |
| 1895 | ALL | 290468.4 | 3921232 | 6.97E-07 | 5YrCancerI | 6.97E-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 |
| 1896 | ALL | 290518.4 | 3921232 | 6.87E-07 | 5YrCancerI | 6.87E-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 |
| 1897 | ALL | 290568.4 | 3921232 | 6.77E-07 | 5YrCancerI | 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 |
| 1898 | ALL | 290618.4 | 3921232 | 6.67E-07 | 5YrCancerI | 6.67E-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 |
| 1899 | ALL | 290668.4 | 3921232 | 6.58E-07 | 5YrCancerI | 6.58E-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 |
| 1900 | ALL | 289068.4 | 3921282 | 1.19E-06 | 5YrCancerI | 1.19E-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 |
| 1901 | ALL | 289118.4 | 3921282 | 1.16E-06 | 5YrCancerI | 1.16E-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 |
| 1902 | ALL | 289168.4 | 3921282 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 1903 | ALL | 289218.4 | 3921282 | 1.10E-06 | 5YrCancerI | 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 |
| 1904 | ALL | 289268.4 | 3921282 | 1.08E-06 | 5YrCancerI | 1.08E-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 |
| 1905 | ALL | 289318.4 | 3921282 | 1.05E-06 | 5YrCancerI | 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 |
| 1906 | ALL | 289368.4 | 3921282 | 1.03E-06 | 5YrCancerI | 1.03E-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 |
| 1907 | ALL | 289418.4 | 3921282 | 1.01E-06 | 5YrCancerI | 1.01E-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 |
| 1908 | ALL | 289468.4 | 3921282 | 9.86E-07 | 5YrCancerI | 9.86E-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 |
| 1909 | ALL | 289518.4 | 3921282 | 9.65E-07 | 5YrCancerI | 9.65E-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 |
| 1910 | ALL | 289568.4 | 3921282 | 9.46E-07 | 5YrCancerI | 9.46E-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 |
| 1911 | ALL | 289618.4 | 3921282 | 9.27E-07 | 5YrCancerI | 9.27E-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 |
| 1912 | ALL | 289668.4 | 3921282 | 9.10E-07 | 5YrCancerI | 9.10E-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 |
| 1913 | ALL | 289718.4 | 3921282 | 8.93E-07 | 5YrCancerI | 8.93E-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 |
| 1914 | ALL | 289768.4 | 3921282 | 8.77E-07 | 5YrCancerI | 8.77E-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 |
| 1915 | ALL | 289818.4 | 3921282 | 8.61E-07 | 5YrCancerI | 8.61E-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 |
| 1916 | ALL | 289868.4 | 3921282 | 8.46E-07 | 5YrCancerI | 8.46E-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 |
| 1917 | ALL | 289918.4 | 3921282 | 8.31E-07 | 5YrCancerI | 8.31E-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 |
| 1918 | ALL | 289968.4 | 3921282 | 8.15E-07 | 5YrCancerI | 8.15E-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 |
| 1919 | ALL | 290018.4 | 3921282 | 8.02E-07 | 5YrCancerI | 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 |
| 1920 | ALL | 290068.4 | 3921282 | 7.90E-07 | 5YrCancerI | 7.90E-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 |
| 1921 | ALL | 290118.4 | 3921282 | 7.77E-07 | 5YrCancerI | 7.77E-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 |
| 1922 | ALL | 290168.4 | 3921282 | 7.64E-07 | 5YrCancerI | 7.64E-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 |
| 1923 | ALL | 272471.4 | 3936795 | 4.70E-07 | 5YrCancerI | 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 |
| 1924 | ALL | 272476.1 | 3936851 | 4.63E-07 | 5YrCancerI | 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 |
| 1925 | ALL | 272476.1 | 3936871 | 4.60E-07 | 5YrCancerI | 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 |
| 1926 | ALL | 274071.4 | 3937707 | 3.26E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1927 | ALL | 274892.9 | 3937698 | 2.95E-07 | 5YrCancerI | 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 |
| 1928 | ALL | 276491.8 | 3934414 | 8.79E-07 | 5YrCancerI | 8.79E-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 |
| 1929 | ALL | 276608.2 | 3934391 | 8.74E-07 | 5YrCancerI | 8.74E-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 |
| 1930 | ALL | 277368.5 | 3932692 | 1.23E-06 | 5YrCancerI | 1.23E-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 |
| 1931 | ALL | 277334.4 | 3932296 | 1.49E-06 | 5YrCancerI | 1.49E-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 |
| 1932 | ALL | 278631.6 | 3931857 | 8.83E-07 | 5YrCancerI | 8.83E-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 |
| 1933 | ALL | 277069.2 | 3930943 | 1.29E-06 | 5YrCancerI | 1.29E-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 |
| 1934 | ALL | 277106 | 3930948 | 1.29E-06 | 5YrCancerI | 1.29E-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 |
| 1935 | ALL | 277197.1 | 3934370 | 1.16E-06 | 5YrCancerI | 1.16E-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 |
| 1936 | ALL | 278211.2 | 3934460 | 1.22E-06 | 5YrCancerI | 1.22E-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 |
| 1937 | ALL | 278462.6 | 3934456 | 1.09E-06 | 5YrCancerI | 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 |
| 1938 | ALL | 279439.6 | 3934433 | 4.96E-07 | 5YrCancerI | 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 |
| 1939 | ALL | 279499.1 | 3934425 | 4.87E-07 | 5YrCancerI | 4.87E-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 |
| 1940 | ALL | 279717 | 3934533 | 4.37E-07 | 5YrCancerI | 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 |
| 1941 | ALL | 279787.5 | 3934453 | 4.40E-07 | 5YrCancerI | 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 |
| 1942 | ALL | 279767.4 | 3934438 | 4.44E-07 | 5YrCancerI | 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 |
| 1943 | ALL | 279804 | 3934534 | 4.27E-07 | 5YrCancerI | 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 |
| 1944 | ALL | 279703.3 | 3934468 | 4.49E-07 | 5YrCancerI | 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 |
| 1945 | ALL | 279959.6 | 3934349 | 4.32E-07 | 5YrCancerI | 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 |
| 1946 | ALL | 279070.3 | 3929610 | 6.35E-07 | 5YrCancerI | 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 |
| 1947 | ALL | 281930.8 | 3929547 | 5.56E-07 | 5YrCancerI | 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 |
| 1948 | ALL | 278554.8 | 3927380 | 6.47E-07 | 5YrCancerI | 6.47E-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 |
| 1949 | ALL | 279013.7 | 3927235 | 6.32E-07 | 5YrCancerI | 6.32E-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 |
| 1950 | ALL | 278705.3 | 3927244 | 6.45E-07 | 5YrCancerI | 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 |
| 1951 | ALL | 278562 | 3926446 | 6.92E-07 | 5YrCancerI | 6.92E-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 |
| 1952 | ALL | 278713 | 3925870 | 7.29E-07 | 5YrCancerI | 7.29E-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 | 278400.6 | 3925609 | 7.83E-07 | 5YrCancerI | 7.83E-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 |
| 1954 | ALL | 271067.8 | 3926037 | 6.57E-07 | 5YrCancerI | 6.57E-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 |
| 1955 | ALL | 271395.7 | 3924492 | 5.73E-07 | 5YrCancerI | 5.73E-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 |
| 1956 | ALL | 274067.6 | 3923357 | 1.00E-06 | 5YrCancerI | 1.00E-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 |
| 1957 | ALL | 274170.4 | 3923361 | 1.06E-06 | 5YrCancerI | 1.06E-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 |
| 1958 | ALL | 275491.3 | 3924125 | 1.30E-06 | 5YrCancerI | 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 |
| 1959 | ALL | 275777.4 | 3924326 | 1.30E-06 | 5YrCancerI | 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 |
| 1960 | ALL | 274592.7 | 3925325 | 1.54E-06 | 5YrCancerI | 1.54E-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 |
| 1961 | ALL | 276220.6 | 3928164 | 8.19E-07 | 5YrCancerI | 8.19E-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 |
| 1962 | ALL | 275219.9 | 3922052 | 1.21E-06 | 5YrCancerI | 1.21E-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 |
| 1963 | ALL | 275270.3 | 3921833 | 1.18E-06 | 5YrCancerI | 1.18E-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 |
| 1964 | ALL | 277670.6 | 3919962 | 1.67E-06 | 5YrCancerI | 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 |
| 1965 | ALL | 277749 | 3919861 | 1.60E-06 | 5YrCancerI | 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 |
| 1966 | ALL | 277676.8 | 3919256 | 9.96E-07 | 5YrCancerI | 9.96E-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 |
| 1967 | ALL | 277668.5 | 3919215 | 9.69E-07 | 5YrCancerI | 9.69E-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 |
| 1968 | ALL | 277674.7 | 3919184 | 9.52E-07 | 5YrCancerI | 9.52E-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 |
| 1969 | ALL | 277672.6 | 3919163 | 9.40E-07 | 5YrCancerI | 9.40E-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 |
| 1970 | ALL | 277666.4 | 3919134 | 9.23E-07 | 5YrCancerI | 9.23E-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 |
| 1971 | ALL | 279687.9 | 3919923 | 1.46E-06 | 5YrCancerI | 1.46E-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 |
| 1972 | ALL | 280183.4 | 3920697 | 1.80E-06 | 5YrCancerI | 1.80E-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 |
| 1973 | ALL | 280769.3 | 3923565 | 8.86E-07 | 5YrCancerI | 8.86E-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 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1974 ALL | 281572.5 | 3923239 | 8.44E-07 | 5YrCancerI | 8.44E-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 |
| 1975 ALL | 281822.6 | 3923557 | 8.26E-07 | 5YrCancerI | 8.26E-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 |
| 1976 ALL | 285142.5 | 3930154 | 5.46E-07 | 5YrCancerI | 5.46E-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 |
| 1977 ALL | 285957.1 | 3930237 | 4.82E-07 | 5YrCancerI | 4.82E-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 |
| 1978 ALL | 285974.2 | 3928742 | 1.91E-06 | 5YrCancerI | 1.91E-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 |
| 1979 ALL | 288363.6 | 3928594 | 5.36E-07 | 5YrCancerI | 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 |
| 1980 ALL | 289352.5 | 3926976 | 6.59E-07 | 5YrCancerI | 6.59E-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 |
| 1981 ALL | 288289.3 | 3926562 | 1.12E-06 | 5YrCancerI | 1.12E-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 |
| 1982 ALL | 288275 | 3925393 | 9.82E-07 | 5YrCancerI | 9.82E-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 |
| 1983 ALL | 287017.4 | 3924475 | 1.41E-06 | 5YrCancerI | 1.41E-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 |
| 1984 ALL | 286251.5 | 3923926 | 2.00E-06 | 5YrCancerI | 2.00E-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 |
| 1985 ALL | 284335.1 | 3919955 | 1.02E-06 | 5YrCancerI | 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 |
| 1986 ALL | 284280.3 | 3922298 | 1.60E-06 | 5YrCancerI | 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 |
| 1987 ALL | 284336.5 | 3923355 | 1.59E-06 | 5YrCancerI | 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 |
| 1988 ALL | 285482.6 | 3927688 | 1.98E-06 | 5YrCancerI | 1.98E-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 |
| 1989 ALL | 285071 | 3927902 | 1.34E-06 | 5YrCancerI | 1.34E-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 |
| 1990 ALL | 275130.9 | 3920423 | 6.73E-07 | 5YrCancerI | 6.73E-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 |
| 1991 ALL | 275126.7 | 3920328 | 6.56E-07 | 5YrCancerI | 6.56E-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 |
| 1992 ALL | 275310.5 | 3920330 | 6.96E-07 | 5YrCancerI | 6.96E-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 |
| 1993 ALL | 275318.8 | 3920226 | 6.78E-07 | 5YrCancerI | 6.78E-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 |
| 1994 ALL | 276099.3 | 3920204 | 8.96E-07 | 5YrCancerI | 8.96E-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 |
| 1995 ALL | 276497.8 | 3920226 | 1.13E-06 | 5YrCancerI | 1.13E-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 |
| 1996 ALL | 276516.4 | 3920602 | 1.56E-06 | 5YrCancerI | 1.56E-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 |
| 1997 ALL | 276144.7 | 3920613 | 1.11E-06 | 5YrCancerI | 1.11E-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 |
| 1998 ALL | 276144.7 | 3920266 | 9.39E-07 | 5YrCancerI | 9.39E-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 |
| 1999 ALL | 276082.7 | 3920249 | 9.06E-07 | 5YrCancerI | 9.06E-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 |
| 2000 ALL | 276008.4 | 3920383 | 9.24E-07 | 5YrCancerI | 9.24E-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 |
| 2001 ALL | 275880.4 | 3920357 | 8.62E-07 | 5YrCancerI | 8.62E-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 |
| 2002 ALL | 275756.5 | 3920435 | 8.41E-07 | 5YrCancerI | 8.41E-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 |
| 2003 ALL | 275548 | 3920507 | 7.95E-07 | 5YrCancerI | 7.95E-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 |
| 2004 ALL | 275287.8 | 3920600 | 7.46E-07 | 5YrCancerI | 7.46E-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 |
| 2005 ALL | 275217.6 | 3920584 | 7.24E-07 | 5YrCancerI | 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 |
| 2006 ALL | 275180.4 | 3920482 | 6.95E-07 | 5YrCancerI | 6.95E-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 |
| 2007 ALL | 275155.7 | 3920435 | 6.80E-07 | 5YrCancerI | 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 |
| 2008 ALL | 289065.9 | 3921313 | 1.20E-06 | 5YrCancerI | 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 |
| 2009 ALL | 290675.7 | 3921269 | 6.58E-07 | 5YrCancerI | 6.58E-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 |
| 2010 ALL | 290637.3 | 3919698 | 6.04E-07 | 5YrCancerI | 6.04E-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 |
| 2011 ALL | 289016.6 | 3919736 | 8.68E-07 | 5YrCancerI | 8.68E-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 |

| REC | GRP | NETID | X | Y | SCENARIO | CV | CNS | IMMUN | KIDNEY | GILV | REPRO/DE | RESP | SKIN | EYE | BONE/TEE | ENDO | BLOOD | ODOR | GENERAL | MAXHI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ALL | | 275884.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 |
| 2 | ALL | | 275904.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 |
| 3 | ALL | | 275924.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 |
| 4 | ALL | | 275944.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 |
| 5 | ALL | | 275964.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 6 | ALL | | 275984.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 |
| 7 | ALL | | 276004.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 |
| 8 | ALL | | 276024.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 |
| 9 | ALL | | 276044.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 10 | ALL | | 276064.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 |
| 11 | ALL | | 276084.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 |
| 12 | ALL | | 276104.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 |
| 13 | ALL | | 276124.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 |
| 14 | ALL | | 276144.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 |
| 15 | ALL | | 276164.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 |
| 16 | ALL | | 276184.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-04 |
| 17 | ALL | | 276204.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-04 |
| 18 | ALL | | 275324.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 19 | ALL | | 275344.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 20 | ALL | | 275364.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 21 | ALL | | 275384.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 22 | ALL | | 275404.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 23 | ALL | | 275424.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 24 | ALL | | 275444.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 25 | ALL | | 275464.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 26 | ALL | | 275484.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 27 | ALL | | 275504.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 28 | ALL | | 275524.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 29 | ALL | | 275544.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 30 | ALL | | 275564.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 31 | ALL | | 275584.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 32 | ALL | | 275604.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 33 | ALL | | 275624.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 34 | ALL | | 275644.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 35 | ALL | | 275664.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 36 | ALL | | 275684.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 37 | ALL | | 275704.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 38 | ALL | | 275724.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 39 | ALL | | 275744.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 40 | ALL | | 275764.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 |
| 41 | ALL | | 275784.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 42 | ALL | | 275804.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 43 | ALL | | 275824.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 |
| 44 | ALL | | 275844.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 |
| 45 | ALL | | 275864.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 |
| 46 | ALL | | 275884.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 |
| 47 | ALL | | 275904.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 |
| 48 | ALL | | 275924.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 |
| 49 | ALL | | 275944.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 50 | ALL | | 275964.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 |
| 51 | ALL | | 275984.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52 | ALL | 276004.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 |
| 53 | ALL | 276024.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 54 | ALL | 276044.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 |
| 55 | ALL | 276064.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 |
| 56 | ALL | 276084.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 |
| 57 | ALL | 276104.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 |
| 58 | ALL | 276124.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 |
| 59 | ALL | 276144.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-04 |
| 60 | ALL | 276164.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 |
| 61 | ALL | 276184.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 |
| 62 | ALL | 276204.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-04 |
| 63 | ALL | 276224.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 |
| 64 | ALL | 276244.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 |
| 65 | ALL | 276264.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-04 |
| 66 | ALL | 276284.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 |
| 67 | ALL | 276304.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 |
| 68 | ALL | 276324.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-04 |
| 69 | ALL | 276344.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-04 |
| 70 | ALL | 276364.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-04 |
| 71 | ALL | 276384.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-04 |
| 72 | ALL | 276404.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-04 |
| 73 | ALL | 276424.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 |
| 74 | ALL | 276444.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-04 |
| 75 | ALL | 276464.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 |
| 76 | ALL | 276484.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 |
| 77 | ALL | 275324.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 78 | ALL | 275344.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 79 | ALL | 275364.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 80 | ALL | 275384.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 81 | ALL | 275404.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 82 | ALL | 275424.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 83 | ALL | 275444.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 84 | ALL | 275464.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 85 | ALL | 275484.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 86 | ALL | 275504.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 87 | ALL | 275524.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 88 | ALL | 275544.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 89 | ALL | 275564.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 90 | ALL | 275584.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 91 | ALL | 275604.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 92 | ALL | 275624.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 93 | ALL | 275644.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 94 | ALL | 275664.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 95 | ALL | 275684.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 96 | ALL | 275704.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 97 | ALL | 275724.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 |
| 98 | ALL | 275744.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 |
| 99 | ALL | 275764.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 100 | ALL | 275784.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 |
| 101 | ALL | 275804.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 |
| 102 | ALL | 275824.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 |
| 103 | ALL | 275844.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | ALL | 275864.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 105 | ALL | 275884.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 106 | ALL | 275904.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 |
| 107 | ALL | 275924.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 108 | ALL | 275944.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 |
| 109 | ALL | 275964.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 |
| 110 | ALL | 275984.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 |
| 111 | ALL | 276004.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 |
| 112 | ALL | 276024.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 |
| 113 | ALL | 276044.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 |
| 114 | ALL | 276064.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 |
| 115 | ALL | 276104.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-04 |
| 116 | ALL | 276124.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-04 |
| 117 | ALL | 276144.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 |
| 118 | ALL | 276164.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 |
| 119 | ALL | 276184.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-04 |
| 120 | ALL | 276204.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 |
| 121 | ALL | 276224.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 |
| 122 | ALL | 276244.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 |
| 123 | ALL | 276264.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 |
| 124 | ALL | 276284.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 |
| 125 | ALL | 276304.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-04 |
| 126 | ALL | 276324.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 |
| 127 | ALL | 276344.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-04 |
| 128 | ALL | 276364.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-04 |
| 129 | ALL | 276384.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-04 |
| 130 | ALL | 276404.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-04 |
| 131 | ALL | 276424.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-04 |
| 132 | ALL | 276444.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 |
| 133 | ALL | 276464.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 |
| 134 | ALL | 276484.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-04 |
| 135 | ALL | 275324.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 136 | ALL | 275344.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 137 | ALL | 275364.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 138 | ALL | 275384.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 139 | ALL | 275404.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 140 | ALL | 275424.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 141 | ALL | 275444.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 142 | ALL | 275464.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 143 | ALL | 275484.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 144 | ALL | 275504.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 145 | ALL | 275524.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 146 | ALL | 275544.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 147 | ALL | 275564.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 148 | ALL | 275584.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 149 | ALL | 275604.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 150 | ALL | 275624.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 151 | ALL | 275644.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 152 | ALL | 275664.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 153 | ALL | 275684.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 154 | ALL | 275704.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 |
| 155 | ALL | 275724.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 156 | ALL | 275744.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 157 | ALL | 275764.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 |
| 158 | ALL | 275784.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |
| 159 | ALL | 275804.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 |
| 160 | ALL | 275824.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 161 | ALL | 275844.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 162 | ALL | 275864.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 163 | ALL | 275884.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 |
| 164 | ALL | 275904.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 |
| 165 | ALL | 275924.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 |
| 166 | ALL | 275944.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 |
| 167 | ALL | 275964.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 |
| 168 | ALL | 275984.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 |
| 169 | ALL | 276004.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 |
| 170 | ALL | 276024.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 |
| 171 | ALL | 276044.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-04 |
| 172 | ALL | 276064.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 |
| 173 | ALL | 276164.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-04 |
| 174 | ALL | 276184.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 |
| 175 | ALL | 276204.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 |
| 176 | ALL | 276224.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 |
| 177 | ALL | 276244.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-04 |
| 178 | ALL | 276264.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 |
| 179 | ALL | 276284.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-04 |
| 180 | ALL | 276304.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 |
| 181 | ALL | 276324.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-04 |
| 182 | ALL | 276344.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-04 |
| 183 | ALL | 276364.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-04 |
| 184 | ALL | 276384.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-04 |
| 185 | ALL | 276404.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-04 |
| 186 | ALL | 276424.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 |
| 187 | ALL | 276444.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-04 |
| 188 | ALL | 276464.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-04 |
| 189 | ALL | 276484.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 |
| 190 | ALL | 275324.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 191 | ALL | 275344.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 192 | ALL | 275364.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 193 | ALL | 275384.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 194 | ALL | 275404.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 195 | ALL | 275424.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 196 | ALL | 275444.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 197 | ALL | 275464.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 198 | ALL | 275484.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 199 | ALL | 275504.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 200 | ALL | 275524.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 201 | ALL | 275544.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 202 | ALL | 275564.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 203 | ALL | 275584.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 204 | ALL | 275604.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 205 | ALL | 275624.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 206 | ALL | 275644.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 207 | ALL | 275664.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 208 | ALL | 275684.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 |
| 209 | ALL | 275704.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 |
| 210 | ALL | 275724.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 211 | ALL | 275744.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 |
| 212 | ALL | 275764.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |
| 213 | ALL | 275784.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 |
| 214 | ALL | 275804.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 215 | ALL | 275824.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 216 | ALL | 275844.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 217 | ALL | 275864.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 |
| 218 | ALL | 275884.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 |
| 219 | ALL | 275904.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 |
| 220 | ALL | 275924.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 |
| 221 | ALL | 275944.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 |
| 222 | ALL | 275964.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 |
| 223 | ALL | 275984.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 |
| 224 | ALL | 276004.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 |
| 225 | ALL | 276024.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-04 |
| 226 | ALL | 276044.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 |
| 227 | ALL | 276164.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-04 |
| 228 | ALL | 276184.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-04 |
| 229 | ALL | 276204.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 |
| 230 | ALL | 276224.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-04 |
| 231 | ALL | 276244.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 |
| 232 | ALL | 276264.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-04 |
| 233 | ALL | 276284.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-04 |
| 234 | ALL | 276304.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-04 |
| 235 | ALL | 276324.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-04 |
| 236 | ALL | 276344.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-04 |
| 237 | ALL | 276364.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 |
| 238 | ALL | 276384.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-04 |
| 239 | ALL | 276404.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 |
| 240 | ALL | 276424.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-04 |
| 241 | ALL | 276444.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-04 |
| 242 | ALL | 276464.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 |
| 243 | ALL | 276484.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-04 |
| 244 | ALL | 275324.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 245 | ALL | 275344.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 246 | ALL | 275364.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 247 | ALL | 275384.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 248 | ALL | 275404.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 249 | ALL | 275424.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 250 | ALL | 275444.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 251 | ALL | 275464.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 252 | ALL | 275484.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 253 | ALL | 275504.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 254 | ALL | 275524.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 255 | ALL | 275544.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 256 | ALL | 275564.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 257 | ALL | 275584.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 258 | ALL | 275604.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 259 | ALL | 275624.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 260 | ALL | 275644.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 261 | ALL | 275664.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 262 | ALL | 275684.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 |
| 263 | ALL | 275704.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 264 | ALL | 275724.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 |
| 265 | ALL | 275744.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |
| 266 | ALL | 275764.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 267 | ALL | 275784.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 |
| 268 | ALL | 275804.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 |
| 269 | ALL | 275824.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 270 | ALL | 275844.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 271 | ALL | 275864.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 |
| 272 | ALL | 275884.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 |
| 273 | ALL | 275904.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 |
| 274 | ALL | 275924.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 |
| 275 | ALL | 275944.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 |
| 276 | ALL | 275964.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 |
| 277 | ALL | 275984.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 |
| 278 | ALL | 276004.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 |
| 279 | ALL | 276024.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 |
| 280 | ALL | 276044.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-04 |
| 281 | ALL | 276164.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-04 |
| 282 | ALL | 276184.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-04 |
| 283 | ALL | 276204.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-04 |
| 284 | ALL | 276224.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 |
| 285 | ALL | 276244.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-04 |
| 286 | ALL | 276264.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 |
| 287 | ALL | 276284.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-04 |
| 288 | ALL | 276304.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-04 |
| 289 | ALL | 276324.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-04 |
| 290 | ALL | 276344.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 |
| 291 | ALL | 276364.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-04 |
| 292 | ALL | 276384.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-04 |
| 293 | ALL | 276404.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-04 |
| 294 | ALL | 276424.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-04 |
| 295 | ALL | 276444.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-04 |
| 296 | ALL | 276464.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-04 |
| 297 | ALL | 276484.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-04 |
| 298 | ALL | 275144.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 |
| 299 | ALL | 275164.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 |
| 300 | ALL | 275184.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 301 | ALL | 275204.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 302 | ALL | 275224.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 |
| 303 | ALL | 275244.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 304 | ALL | 275264.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 305 | ALL | 275284.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 306 | ALL | 275304.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 307 | ALL | 275324.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 308 | ALL | 275344.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 309 | ALL | 275364.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 310 | ALL | 275384.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 311 | ALL | 275404.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 312 | ALL | 275424.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 313 | ALL | 275444.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 314 | ALL | 275464.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 315 | ALL | 275484.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 316 | ALL | 275504.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 317 | ALL | 275524.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 318 | ALL | 275544.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 319 | ALL | 275564.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 320 | ALL | 275584.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 321 | ALL | 275604.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 322 | ALL | 275624.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 323 | ALL | 275644.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 324 | ALL | 275664.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 325 | ALL | 275684.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 326 | ALL | 275704.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 |
| 327 | ALL | 275724.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 328 | ALL | 275744.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 329 | ALL | 275764.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 |
| 330 | ALL | 275784.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 |
| 331 | ALL | 275804.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 332 | ALL | 275824.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 333 | ALL | 275844.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 |
| 334 | ALL | 275864.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 |
| 335 | ALL | 275884.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 |
| 336 | ALL | 275904.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 |
| 337 | ALL | 275924.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 |
| 338 | ALL | 275944.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 |
| 339 | ALL | 275964.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 |
| 340 | ALL | 275984.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 |
| 341 | ALL | 276004.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 |
| 342 | ALL | 276024.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 |
| 343 | ALL | 276164.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-04 |
| 344 | ALL | 276184.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 |
| 345 | ALL | 276204.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-04 |
| 346 | ALL | 276224.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-04 |
| 347 | ALL | 276244.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 |
| 348 | ALL | 276264.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-04 |
| 349 | ALL | 276284.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-04 |
| 350 | ALL | 276304.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-04 |
| 351 | ALL | 276324.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-04 |
| 352 | ALL | 276344.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-04 |
| 353 | ALL | 276364.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-04 |
| 354 | ALL | 276384.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 |
| 355 | ALL | 276404.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-04 |
| 356 | ALL | 276424.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 |
| 357 | ALL | 276444.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-04 |
| 358 | ALL | 276464.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-04 |
| 359 | ALL | 276484.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-04 |
| 360 | ALL | 275144.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 361 | ALL | 275164.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 362 | ALL | 275184.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 363 | ALL | 275204.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 364 | ALL | 275224.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 365 | ALL | 275244.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 366 | ALL | 275264.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 367 | ALL | 275284.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 368 | ALL | 275304.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 369 | ALL | 275324.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 370 | ALL | 275344.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 371 | ALL | 275364.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 372 | ALL | 275384.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 373 | ALL | 275404.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 374 | ALL | 275424.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 375 | ALL | 275444.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 376 | ALL | 275464.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 377 | ALL | 275484.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 378 | ALL | 275504.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 379 | ALL | 275524.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 380 | ALL | 275544.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 381 | ALL | 275564.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 382 | ALL | 275584.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 383 | ALL | 275604.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 384 | ALL | 275624.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 385 | ALL | 275644.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 386 | ALL | 275664.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 387 | ALL | 275684.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 388 | ALL | 275704.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 389 | ALL | 275724.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 390 | ALL | 275744.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 |
| 391 | ALL | 275764.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 |
| 392 | ALL | 275784.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 |
| 393 | ALL | 275804.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 |
| 394 | ALL | 275824.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 |
| 395 | ALL | 275844.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 396 | ALL | 275864.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 |
| 397 | ALL | 275884.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 |
| 398 | ALL | 275904.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 |
| 399 | ALL | 275924.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 400 | ALL | 275944.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 |
| 401 | ALL | 275964.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 |
| 402 | ALL | 275984.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 |
| 403 | ALL | 276004.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 |
| 404 | ALL | 276024.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 |
| 405 | ALL | 276164.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 |
| 406 | ALL | 276184.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-04 |
| 407 | ALL | 276204.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-04 |
| 408 | ALL | 276224.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-04 |
| 409 | ALL | 276244.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-04 |
| 410 | ALL | 276264.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-04 |
| 411 | ALL | 276284.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-04 |
| 412 | ALL | 276304.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 |
| 413 | ALL | 276324.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-04 |
| 414 | ALL | 276344.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-04 |
| 415 | ALL | 276364.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 416 | ALL | 276384.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-04 |
| 417 | ALL | 276404.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-04 |
| 418 | ALL | 276424.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-04 |
| 419 | ALL | 276444.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-04 |
| 420 | ALL | 276464.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-04 |
| 421 | ALL | 276484.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-04 |
| 422 | ALL | 275144.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 423 | ALL | 275164.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 424 | ALL | 275184.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 425 | ALL | 275204.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 426 | ALL | 275224.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 427 | ALL | 275244.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 428 | ALL | 275264.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 429 | ALL | 275284.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 430 | ALL | 275304.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 431 | ALL | 275324.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 432 | ALL | 275344.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 433 | ALL | 275364.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 434 | ALL | 275384.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 435 | ALL | 275404.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 436 | ALL | 275424.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 437 | ALL | 275444.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 438 | ALL | 275464.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 439 | ALL | 275484.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 440 | ALL | 275504.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 441 | ALL | 275524.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 442 | ALL | 275544.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 443 | ALL | 275564.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 444 | ALL | 275584.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 445 | ALL | 275604.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 446 | ALL | 275624.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 447 | ALL | 275644.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 |
| 448 | ALL | 275664.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 449 | ALL | 275684.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 450 | ALL | 275704.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 |
| 451 | ALL | 275724.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 |
| 452 | ALL | 275744.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 |
| 453 | ALL | 275764.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 |
| 454 | ALL | 275784.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 |
| 455 | ALL | 275804.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 |
| 456 | ALL | 275824.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 457 | ALL | 275844.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 |
| 458 | ALL | 275964.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 |
| 459 | ALL | 275984.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 |
| 460 | ALL | 276004.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 |
| 461 | ALL | 276164.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-04 |
| 462 | ALL | 276184.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 |
| 463 | ALL | 276204.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-04 |
| 464 | ALL | 276224.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-04 |
| 465 | ALL | 276244.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-04 |
| 466 | ALL | 276264.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-04 |
| 467 | ALL | 276284.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 468 | ALL | 276304.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 |
| 469 | ALL | 276324.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-04 |
| 470 | ALL | 276344.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 |
| 471 | ALL | 276364.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-04 |
| 472 | ALL | 276384.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-04 |
| 473 | ALL | 276404.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-04 |
| 474 | ALL | 276424.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-04 |
| 475 | ALL | 276444.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-04 |
| 476 | ALL | 276464.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-04 |
| 477 | ALL | 276484.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-04 |
| 478 | ALL | 276504.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-04 |
| 479 | ALL | 275144.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| 480 | ALL | 275164.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 481 | ALL | 275184.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 482 | ALL | 275204.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 483 | ALL | 275224.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 484 | ALL | 275244.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 485 | ALL | 275264.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 486 | ALL | 275284.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 487 | ALL | 275304.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 488 | ALL | 275324.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 489 | ALL | 275344.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 490 | ALL | 275364.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 491 | ALL | 275384.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 492 | ALL | 275404.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 493 | ALL | 275424.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 494 | ALL | 275444.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 495 | ALL | 275464.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 496 | ALL | 275484.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 497 | ALL | 275504.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 498 | ALL | 275524.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 499 | ALL | 275544.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 500 | ALL | 275564.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 501 | ALL | 275584.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 502 | ALL | 275604.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 503 | ALL | 275624.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 |
| 504 | ALL | 275644.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 505 | ALL | 275664.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 |
| 506 | ALL | 275684.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 |
| 507 | ALL | 275704.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 |
| 508 | ALL | 275724.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 509 | ALL | 275744.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 510 | ALL | 275764.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 511 | ALL | 275784.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 |
| 512 | ALL | 275804.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 |
| 513 | ALL | 275824.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 |
| 514 | ALL | 276164.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 |
| 515 | ALL | 276184.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-04 |
| 516 | ALL | 276204.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-04 |
| 517 | ALL | 276224.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-04 |
| 518 | ALL | 276244.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-04 |
| 519 | ALL | 276264.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 520 | ALL | 276284.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 |
| 521 | ALL | 276304.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-04 |
| 522 | ALL | 276324.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-04 |
| 523 | ALL | 276344.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-04 |
| 524 | ALL | 276364.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-04 |
| 525 | ALL | 276384.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-04 |
| 526 | ALL | 276404.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-04 |
| 527 | ALL | 276424.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-04 |
| 528 | ALL | 276444.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-04 |
| 529 | ALL | 276464.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-04 |
| 530 | ALL | 276484.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-04 |
| 531 | ALL | 276504.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-04 |
| 532 | ALL | 275144.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 533 | ALL | 275164.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 534 | ALL | 275184.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 535 | ALL | 275204.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 536 | ALL | 275224.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 537 | ALL | 275244.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 538 | ALL | 275264.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 539 | ALL | 275284.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 540 | ALL | 275304.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 541 | ALL | 275324.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 542 | ALL | 275344.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 543 | ALL | 275364.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 544 | ALL | 275384.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 545 | ALL | 275404.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 546 | ALL | 275424.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 547 | ALL | 275444.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 548 | ALL | 275464.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 549 | ALL | 275484.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 550 | ALL | 275504.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 551 | ALL | 275524.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 552 | ALL | 275544.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 553 | ALL | 275564.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 554 | ALL | 275584.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 |
| 555 | ALL | 275604.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 |
| 556 | ALL | 275624.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 557 | ALL | 275644.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 |
| 558 | ALL | 275664.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |
| 559 | ALL | 275684.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 |
| 560 | ALL | 275704.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 561 | ALL | 275724.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 562 | ALL | 275744.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 563 | ALL | 275764.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 |
| 564 | ALL | 275784.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 |
| 565 | ALL | 276164.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-04 |
| 566 | ALL | 276184.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 |
| 567 | ALL | 276204.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-04 |
| 568 | ALL | 276224.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-04 |
| 569 | ALL | 276244.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-04 |
| 570 | ALL | 276264.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 |
| 571 | ALL | 276284.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 572 | ALL | 276304.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 |
| 573 | ALL | 276324.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 |
| 574 | ALL | 276344.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-04 |
| 575 | ALL | 276364.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-04 |
| 576 | ALL | 276384.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-04 |
| 577 | ALL | 276404.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-04 |
| 578 | ALL | 276424.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-04 |
| 579 | ALL | 276444.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.31E-04 |
| 580 | ALL | 276464.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-04 |
| 581 | ALL | 276484.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-04 |
| 582 | ALL | 276504.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-04 |
| 583 | ALL | 275164.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 584 | ALL | 275184.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 585 | ALL | 275204.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 586 | ALL | 275224.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 587 | ALL | 275244.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 588 | ALL | 275264.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 589 | ALL | 275284.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 590 | ALL | 275304.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 591 | ALL | 275324.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 592 | ALL | 275344.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 593 | ALL | 275364.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 594 | ALL | 275384.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 595 | ALL | 275404.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 596 | ALL | 275424.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 597 | ALL | 275444.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 598 | ALL | 275464.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 599 | ALL | 275484.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 600 | ALL | 275504.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 601 | ALL | 275524.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 602 | ALL | 275544.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 603 | ALL | 275564.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 |
| 604 | ALL | 275584.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 |
| 605 | ALL | 275604.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 606 | ALL | 275624.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 |
| 607 | ALL | 275644.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |
| 608 | ALL | 275664.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 |
| 609 | ALL | 275684.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 610 | ALL | 275704.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 |
| 611 | ALL | 275724.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 612 | ALL | 275744.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 613 | ALL | 276164.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-04 |
| 614 | ALL | 276184.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-04 |
| 615 | ALL | 276204.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-04 |
| 616 | ALL | 276224.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-04 |
| 617 | ALL | 276244.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-04 |
| 618 | ALL | 276264.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-04 |
| 619 | ALL | 276284.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 |
| 620 | ALL | 276304.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 |
| 621 | ALL | 276324.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-04 |
| 622 | ALL | 276344.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-04 |
| 623 | ALL | 276364.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 624 | ALL | 276384.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-04 |
| 625 | ALL | 276404.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-04 |
| 626 | ALL | 276424.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.31E-04 |
| 627 | ALL | 276444.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-04 |
| 628 | ALL | 276464.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-04 |
| 629 | ALL | 276484.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-04 |
| 630 | ALL | 276504.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.67E-04 |
| 631 | ALL | 275164.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 632 | ALL | 275184.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 633 | ALL | 275204.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 634 | ALL | 275224.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 635 | ALL | 275244.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 636 | ALL | 275264.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 637 | ALL | 275284.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 638 | ALL | 275304.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 639 | ALL | 275324.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 640 | ALL | 275344.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 641 | ALL | 275364.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 642 | ALL | 275384.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 643 | ALL | 275404.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 644 | ALL | 275424.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 645 | ALL | 275444.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 646 | ALL | 275464.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 647 | ALL | 275484.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 648 | ALL | 275504.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 649 | ALL | 275524.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 650 | ALL | 275544.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 |
| 651 | ALL | 275564.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 |
| 652 | ALL | 275584.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 653 | ALL | 275604.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 |
| 654 | ALL | 275624.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |
| 655 | ALL | 275644.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 656 | ALL | 275664.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 |
| 657 | ALL | 275684.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 |
| 658 | ALL | 275704.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 659 | ALL | 276164.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-04 |
| 660 | ALL | 276184.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-04 |
| 661 | ALL | 276204.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-04 |
| 662 | ALL | 276224.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 |
| 663 | ALL | 276244.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-04 |
| 664 | ALL | 276264.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 |
| 665 | ALL | 276284.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-04 |
| 666 | ALL | 276304.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-04 |
| 667 | ALL | 276324.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 |
| 668 | ALL | 276344.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-04 |
| 669 | ALL | 276364.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-04 |
| 670 | ALL | 276384.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-04 |
| 671 | ALL | 276404.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-04 |
| 672 | ALL | 276424.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-04 |
| 673 | ALL | 276444.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-04 |
| 674 | ALL | 276464.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-04 |
| 675 | ALL | 276484.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 676 | ALL | 276504.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-04 |
| 677 | ALL | 275184.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 678 | ALL | 275204.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 679 | ALL | 275224.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 680 | ALL | 275244.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 681 | ALL | 275264.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 682 | ALL | 275284.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 683 | ALL | 275304.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 684 | ALL | 275324.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 685 | ALL | 275344.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 686 | ALL | 275364.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 687 | ALL | 275384.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 688 | ALL | 275404.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 689 | ALL | 275424.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 690 | ALL | 275444.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 691 | ALL | 275464.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 692 | ALL | 275484.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 693 | ALL | 275504.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 694 | ALL | 275524.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 695 | ALL | 275544.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 |
| 696 | ALL | 275564.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 697 | ALL | 275584.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 |
| 698 | ALL | 275604.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 699 | ALL | 275624.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 700 | ALL | 275644.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 |
| 701 | ALL | 276164.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-04 |
| 702 | ALL | 276184.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-04 |
| 703 | ALL | 276204.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-04 |
| 704 | ALL | 276224.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-04 |
| 705 | ALL | 276244.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-04 |
| 706 | ALL | 276264.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-04 |
| 707 | ALL | 276284.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-04 |
| 708 | ALL | 276304.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-04 |
| 709 | ALL | 276324.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-04 |
| 710 | ALL | 276344.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-04 |
| 711 | ALL | 276364.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-04 |
| 712 | ALL | 276384.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-04 |
| 713 | ALL | 276404.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-04 |
| 714 | ALL | 276424.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-04 |
| 715 | ALL | 276444.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-04 |
| 716 | ALL | 276464.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.65E-04 |
| 717 | ALL | 276484.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-04 |
| 718 | ALL | 276504.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-04 |
| 719 | ALL | 275184.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 720 | ALL | 275204.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 721 | ALL | 275224.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 722 | ALL | 275244.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 723 | ALL | 275264.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 724 | ALL | 275284.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 725 | ALL | 275304.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 726 | ALL | 275324.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 727 | ALL | 275344.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 728 | ALL | 275364.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 729 | ALL | 275384.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 730 | ALL | 275404.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 731 | ALL | 275424.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 732 | ALL | 275444.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 733 | ALL | 275464.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 734 | ALL | 275484.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 735 | ALL | 275504.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 736 | ALL | 275524.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 |
| 737 | ALL | 275544.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 738 | ALL | 275564.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 |
| 739 | ALL | 275584.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 740 | ALL | 276164.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-04 |
| 741 | ALL | 276184.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 |
| 742 | ALL | 276204.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-04 |
| 743 | ALL | 276224.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-04 |
| 744 | ALL | 276244.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 |
| 745 | ALL | 276264.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-04 |
| 746 | ALL | 276284.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 |
| 747 | ALL | 276304.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-04 |
| 748 | ALL | 276324.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-04 |
| 749 | ALL | 276344.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-04 |
| 750 | ALL | 276364.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-04 |
| 751 | ALL | 276384.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-04 |
| 752 | ALL | 276404.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-04 |
| 753 | ALL | 276424.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-04 |
| 754 | ALL | 276444.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-04 |
| 755 | ALL | 276464.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.74E-04 |
| 756 | ALL | 276484.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-04 |
| 757 | ALL | 276504.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-04 |
| 758 | ALL | 275204.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 759 | ALL | 275224.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 760 | ALL | 275244.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 761 | ALL | 275264.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 762 | ALL | 275284.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 763 | ALL | 275304.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 764 | ALL | 275324.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 765 | ALL | 275344.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 766 | ALL | 275364.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 767 | ALL | 275384.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 768 | ALL | 275404.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 769 | ALL | 275424.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 770 | ALL | 275444.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 771 | ALL | 275464.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 772 | ALL | 275484.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 773 | ALL | 275504.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 774 | ALL | 275524.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 775 | ALL | 276164.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-04 |
| 776 | ALL | 276184.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 |
| 777 | ALL | 276204.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-04 |
| 778 | ALL | 276224.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 |
| 779 | ALL | 276244.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 780 | ALL | 276264.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-04 |
| 781 | ALL | 276284.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-04 |
| 782 | ALL | 276304.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-04 |
| 783 | ALL | 276324.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-04 |
| 784 | ALL | 276344.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-04 |
| 785 | ALL | 276364.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-04 |
| 786 | ALL | 276384.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-04 |
| 787 | ALL | 276404.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-04 |
| 788 | ALL | 276424.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-04 |
| 789 | ALL | 276444.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-04 |
| 790 | ALL | 276464.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-04 |
| 791 | ALL | 276484.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.96E-04 |
| 792 | ALL | 276504.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-04 |
| 793 | ALL | 275204.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 794 | ALL | 275224.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 795 | ALL | 275244.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 796 | ALL | 275264.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 797 | ALL | 275284.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 798 | ALL | 275304.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 799 | ALL | 275324.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 800 | ALL | 275344.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 801 | ALL | 275364.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 802 | ALL | 275384.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 803 | ALL | 275404.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 804 | ALL | 275424.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 805 | ALL | 275444.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 806 | ALL | 275464.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 807 | ALL | 276164.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 |
| 808 | ALL | 276184.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-04 |
| 809 | ALL | 276204.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 |
| 810 | ALL | 276224.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-04 |
| 811 | ALL | 276244.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-04 |
| 812 | ALL | 276264.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-04 |
| 813 | ALL | 276284.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-04 |
| 814 | ALL | 276304.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-04 |
| 815 | ALL | 276324.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-04 |
| 816 | ALL | 276344.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.34E-04 |
| 817 | ALL | 276364.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-04 |
| 818 | ALL | 276384.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.52E-04 |
| 819 | ALL | 276404.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-04 |
| 820 | ALL | 276424.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-04 |
| 821 | ALL | 276444.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.83E-04 |
| 822 | ALL | 276464.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-04 |
| 823 | ALL | 276484.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.07E-04 |
| 824 | ALL | 276504.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-04 |
| 825 | ALL | 275224.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 826 | ALL | 275244.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 827 | ALL | 275264.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 828 | ALL | 275284.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 829 | ALL | 275304.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 830 | ALL | 275324.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 831 | ALL | 275344.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 832 | ALL | 275364.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 833 | ALL | 275384.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 834 | ALL | 275404.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 835 | ALL | 275424.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 836 | ALL | 276164.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-04 |
| 837 | ALL | 276184.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 |
| 838 | ALL | 276204.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 |
| 839 | ALL | 276224.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-04 |
| 840 | ALL | 276244.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-04 |
| 841 | ALL | 276264.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-04 |
| 842 | ALL | 276284.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-04 |
| 843 | ALL | 276304.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-04 |
| 844 | ALL | 276324.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-04 |
| 845 | ALL | 276344.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-04 |
| 846 | ALL | 276364.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-04 |
| 847 | ALL | 276384.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-04 |
| 848 | ALL | 276404.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-04 |
| 849 | ALL | 276424.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.82E-04 |
| 850 | ALL | 276444.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-04 |
| 851 | ALL | 276464.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-04 |
| 852 | ALL | 276484.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-04 |
| 853 | ALL | 276504.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-04 |
| 854 | ALL | 275224.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 855 | ALL | 275244.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 856 | ALL | 275264.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 857 | ALL | 275284.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 858 | ALL | 275304.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 859 | ALL | 275324.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 860 | ALL | 275344.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 861 | ALL | 275364.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 862 | ALL | 276164.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 |
| 863 | ALL | 276184.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-04 |
| 864 | ALL | 276204.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-04 |
| 865 | ALL | 276224.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 |
| 866 | ALL | 276244.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-04 |
| 867 | ALL | 276264.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-04 |
| 868 | ALL | 276284.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-04 |
| 869 | ALL | 276304.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.31E-04 |
| 870 | ALL | 276324.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-04 |
| 871 | ALL | 276344.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-04 |
| 872 | ALL | 276364.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-04 |
| 873 | ALL | 276384.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-04 |
| 874 | ALL | 276404.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-04 |
| 875 | ALL | 276424.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-04 |
| 876 | ALL | 276444.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.04E-04 |
| 877 | ALL | 276464.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-04 |
| 878 | ALL | 276484.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-04 |
| 879 | ALL | 276504.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.46E-04 |
| 880 | ALL | 275264.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 881 | ALL | 275284.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 882 | ALL | 275304.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 883 | ALL | 276164.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 884 | ALL | 276184.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-04 |
| 885 | ALL | 276204.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-04 |
| 886 | ALL | 276224.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-04 |
| 887 | ALL | 276244.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-04 |
| 888 | ALL | 276264.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-04 |
| 889 | ALL | 276284.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-04 |
| 890 | ALL | 276304.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-04 |
| 891 | ALL | 276324.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-04 |
| 892 | ALL | 276344.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-04 |
| 893 | ALL | 276364.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-04 |
| 894 | ALL | 276384.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-04 |
| 895 | ALL | 276404.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-04 |
| 896 | ALL | 276424.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-04 |
| 897 | ALL | 276444.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-04 |
| 898 | ALL | 276464.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-04 |
| 899 | ALL | 276484.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-04 |
| 900 | ALL | 276504.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.61E-04 |
| 901 | ALL | 276164.3 | 3920611 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-04 |
| 902 | ALL | 276184.3 | 3920611 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-04 |
| 903 | ALL | 276204.3 | 3920611 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-04 |
| 904 | ALL | 289218.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 905 | ALL | 289268.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 906 | ALL | 289318.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 907 | ALL | 289368.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 908 | ALL | 289418.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 909 | ALL | 289468.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 910 | ALL | 289518.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 911 | ALL | 289568.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 912 | ALL | 289618.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 913 | ALL | 289668.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 914 | ALL | 289718.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 915 | ALL | 289768.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 916 | ALL | 289818.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 917 | ALL | 289868.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 918 | ALL | 289918.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 919 | ALL | 289968.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 920 | ALL | 290018.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 921 | ALL | 290068.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 922 | ALL | 290118.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 923 | ALL | 290168.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 924 | ALL | 290218.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 |
| 925 | ALL | 290268.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 |
| 926 | ALL | 290318.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 |
| 927 | ALL | 290368.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 |
| 928 | ALL | 290418.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-04 |
| 929 | ALL | 290468.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 |
| 930 | ALL | 290518.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 |
| 931 | ALL | 290568.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.68E-04 |
| 932 | ALL | 290618.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 |
| 933 | ALL | 289018.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 934 | ALL | 289068.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 |
| 935 | ALL | 289118.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 936 | ALL | 289168.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 937 | ALL | 289218.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 |
| 938 | ALL | 289268.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 |
| 939 | ALL | 289318.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 940 | ALL | 289368.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 941 | ALL | 289418.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 |
| 942 | ALL | 289468.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 943 | ALL | 289518.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 |
| 944 | ALL | 289568.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 945 | ALL | 289618.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 946 | ALL | 289668.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 947 | ALL | 289718.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 948 | ALL | 289768.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 949 | ALL | 289818.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 950 | ALL | 289868.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 951 | ALL | 289918.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 952 | ALL | 289968.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 953 | ALL | 290018.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 954 | ALL | 290068.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 955 | ALL | 290118.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 956 | ALL | 290168.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 957 | ALL | 290218.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 |
| 958 | ALL | 290268.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 959 | ALL | 290318.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 |
| 960 | ALL | 290368.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 |
| 961 | ALL | 290418.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 |
| 962 | ALL | 290468.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 |
| 963 | ALL | 290518.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-04 |
| 964 | ALL | 290568.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-04 |
| 965 | ALL | 290618.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.66E-04 |
| 966 | ALL | 289068.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 |
| 967 | ALL | 289118.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 |
| 968 | ALL | 289168.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 |
| 969 | ALL | 289218.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 970 | ALL | 289268.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 971 | ALL | 289318.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 |
| 972 | ALL | 289368.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 973 | ALL | 289418.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 974 | ALL | 289468.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 |
| 975 | ALL | 289518.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 |
| 976 | ALL | 289568.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 977 | ALL | 289618.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 978 | ALL | 289668.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 979 | ALL | 289718.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 980 | ALL | 289768.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 981 | ALL | 289818.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 982 | ALL | 289868.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 983 | ALL | 289918.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 984 | ALL | 289968.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 985 | ALL | 290018.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 986 | ALL | 290068.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 987 | ALL | 290118.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 988 | ALL | 290168.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 |
| 989 | ALL | 290218.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| 990 | ALL | 290268.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 991 | ALL | 290318.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 992 | ALL | 290368.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 |
| 993 | ALL | 290418.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.80E-04 |
| 994 | ALL | 290468.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 |
| 995 | ALL | 290518.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-04 |
| 996 | ALL | 290568.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 |
| 997 | ALL | 290618.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.68E-04 |
| 998 | ALL | 289068.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 |
| 999 | ALL | 289118.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 1000 | ALL | 289168.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 |
| 1001 | ALL | 289218.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 |
| 1002 | ALL | 289268.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 |
| 1003 | ALL | 289318.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 1004 | ALL | 289368.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 1005 | ALL | 289418.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 |
| 1006 | ALL | 289468.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 |
| 1007 | ALL | 289518.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 1008 | ALL | 289568.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 |
| 1009 | ALL | 289618.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 1010 | ALL | 289668.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 1011 | ALL | 289718.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 1012 | ALL | 289768.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 1013 | ALL | 289818.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 1014 | ALL | 289868.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 1015 | ALL | 289918.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 1016 | ALL | 289968.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 1017 | ALL | 290018.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 1018 | ALL | 290068.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 1019 | ALL | 290118.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 1020 | ALL | 290168.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 1021 | ALL | 290218.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 1022 | ALL | 290268.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 1023 | ALL | 290318.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 1024 | ALL | 290368.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 |
| 1025 | ALL | 290418.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 |
| 1026 | ALL | 290468.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 |
| 1027 | ALL | 290518.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 |
| 1028 | ALL | 290568.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-04 |
| 1029 | ALL | 290618.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-04 |
| 1030 | ALL | 289068.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 |
| 1031 | ALL | 289118.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 |
| 1032 | ALL | 289168.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 1033 | ALL | 289218.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 |
| 1034 | ALL | 289268.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 |
| 1035 | ALL | 289318.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 |
| 1036 | ALL | 289368.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 |
| 1037 | ALL | 289418.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 |
| 1038 | ALL | 289468.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 |
| 1039 | ALL | 289518.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1040 | ALL | 289568.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 1041 | ALL | 289618.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 1042 | ALL | 289668.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 1043 | ALL | 289718.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 1044 | ALL | 289768.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 1045 | ALL | 289818.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 1046 | ALL | 289868.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 1047 | ALL | 289918.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 1048 | ALL | 289968.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 1049 | ALL | 290018.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 1050 | ALL | 290068.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 1051 | ALL | 290118.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 1052 | ALL | 290168.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 1053 | ALL | 290218.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 1054 | ALL | 290268.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 1055 | ALL | 290318.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 1056 | ALL | 290368.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 1057 | ALL | 290418.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 |
| 1058 | ALL | 290468.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.80E-04 |
| 1059 | ALL | 290518.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 |
| 1060 | ALL | 290568.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 |
| 1061 | ALL | 290618.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 |
| 1062 | ALL | 289068.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 |
| 1063 | ALL | 289118.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-04 |
| 1064 | ALL | 289168.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 |
| 1065 | ALL | 289218.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 |
| 1066 | ALL | 289268.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 |
| 1067 | ALL | 289318.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 |
| 1068 | ALL | 289368.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 |
| 1069 | ALL | 289418.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 1070 | ALL | 289468.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 |
| 1071 | ALL | 289518.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 |
| 1072 | ALL | 289568.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 |
| 1073 | ALL | 289618.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 1074 | ALL | 289668.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 |
| 1075 | ALL | 289718.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 1076 | ALL | 289768.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 1077 | ALL | 289818.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 1078 | ALL | 289868.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 1079 | ALL | 289918.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 1080 | ALL | 289968.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 1081 | ALL | 290018.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 1082 | ALL | 290068.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 1083 | ALL | 290118.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 1084 | ALL | 290168.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 1085 | ALL | 290218.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 1086 | ALL | 290268.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 1087 | ALL | 290318.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 1088 | ALL | 290368.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 |
| 1089 | ALL | 290418.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 |
| 1090 | ALL | 290468.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 |
| 1091 | ALL | 290518.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1092 | ALL | 290568.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 |
| 1093 | ALL | 290618.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-04 |
| 1094 | ALL | 289068.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-04 |
| 1095 | ALL | 289118.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 |
| 1096 | ALL | 289168.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-04 |
| 1097 | ALL | 289218.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 |
| 1098 | ALL | 289268.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 |
| 1099 | ALL | 289318.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 |
| 1100 | ALL | 289368.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 |
| 1101 | ALL | 289418.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 |
| 1102 | ALL | 289468.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 1103 | ALL | 289518.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 1104 | ALL | 289568.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 |
| 1105 | ALL | 289618.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 |
| 1106 | ALL | 289668.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 |
| 1107 | ALL | 289718.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 1108 | ALL | 289768.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 1109 | ALL | 289818.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 1110 | ALL | 289868.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 1111 | ALL | 289918.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 1112 | ALL | 289968.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 1113 | ALL | 290018.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 1114 | ALL | 290068.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 1115 | ALL | 290118.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 1116 | ALL | 290168.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 1117 | ALL | 290218.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 1118 | ALL | 290268.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 1119 | ALL | 290318.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 1120 | ALL | 290368.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 1121 | ALL | 290418.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 1122 | ALL | 290468.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 |
| 1123 | ALL | 290518.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 |
| 1124 | ALL | 290568.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-04 |
| 1125 | ALL | 290618.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 |
| 1126 | ALL | 289068.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 |
| 1127 | ALL | 289118.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 |
| 1128 | ALL | 289168.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 |
| 1129 | ALL | 289218.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 |
| 1130 | ALL | 289268.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 |
| 1131 | ALL | 289318.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 |
| 1132 | ALL | 289368.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 |
| 1133 | ALL | 289418.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 1134 | ALL | 289468.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 1135 | ALL | 289518.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 1136 | ALL | 289568.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 |
| 1137 | ALL | 289618.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |
| 1138 | ALL | 289668.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 1139 | ALL | 289718.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 1140 | ALL | 289768.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 1141 | ALL | 289818.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 1142 | ALL | 289868.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 1143 | ALL | 289918.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1144 | ALL | 289968.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 1145 | ALL | 290018.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 1146 | ALL | 290068.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 1147 | ALL | 290118.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 1148 | ALL | 290168.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 1149 | ALL | 290218.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 1150 | ALL | 290268.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 1151 | ALL | 290318.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 1152 | ALL | 290368.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 1153 | ALL | 290418.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 1154 | ALL | 290468.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 |
| 1155 | ALL | 290518.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 |
| 1156 | ALL | 290568.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 |
| 1157 | ALL | 290618.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-04 |
| 1158 | ALL | 289068.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 |
| 1159 | ALL | 289118.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-04 |
| 1160 | ALL | 289168.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-04 |
| 1161 | ALL | 289218.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 |
| 1162 | ALL | 289268.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 |
| 1163 | ALL | 289318.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 |
| 1164 | ALL | 289368.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 |
| 1165 | ALL | 289418.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 |
| 1166 | ALL | 289468.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 |
| 1167 | ALL | 289518.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 1168 | ALL | 289568.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 |
| 1169 | ALL | 289618.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 |
| 1170 | ALL | 289668.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 |
| 1171 | ALL | 289718.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 |
| 1172 | ALL | 289768.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 1173 | ALL | 289818.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 1174 | ALL | 289868.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 1175 | ALL | 289918.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 1176 | ALL | 289968.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 1177 | ALL | 290018.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 1178 | ALL | 290068.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 1179 | ALL | 290118.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 1180 | ALL | 290168.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 1181 | ALL | 290218.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 1182 | ALL | 290268.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 1183 | ALL | 290318.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 1184 | ALL | 290368.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| 1185 | ALL | 290418.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 1186 | ALL | 290468.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 |
| 1187 | ALL | 290518.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 |
| 1188 | ALL | 290568.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 |
| 1189 | ALL | 290618.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-04 |
| 1190 | ALL | 289068.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-04 |
| 1191 | ALL | 289118.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 |
| 1192 | ALL | 289168.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 |
| 1193 | ALL | 289218.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-04 |
| 1194 | ALL | 289268.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 |
| 1195 | ALL | 289318.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1196 | ALL | 289368.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 |
| 1197 | ALL | 289418.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 |
| 1198 | ALL | 289468.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 |
| 1199 | ALL | 289518.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 |
| 1200 | ALL | 289568.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 |
| 1201 | ALL | 289618.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 1202 | ALL | 289668.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 |
| 1203 | ALL | 289718.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 1204 | ALL | 289768.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 1205 | ALL | 289818.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 1206 | ALL | 289868.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 1207 | ALL | 289918.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 1208 | ALL | 289968.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 1209 | ALL | 290018.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 1210 | ALL | 290068.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 1211 | ALL | 290118.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 1212 | ALL | 290168.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 1213 | ALL | 290218.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 1214 | ALL | 290268.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 1215 | ALL | 290318.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 1216 | ALL | 290368.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 1217 | ALL | 290418.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 |
| 1218 | ALL | 290468.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 1219 | ALL | 290518.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 |
| 1220 | ALL | 290568.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.80E-04 |
| 1221 | ALL | 290618.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 |
| 1222 | ALL | 289068.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 |
| 1223 | ALL | 289118.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-04 |
| 1224 | ALL | 289168.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-04 |
| 1225 | ALL | 289218.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 |
| 1226 | ALL | 289268.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 |
| 1227 | ALL | 289318.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 |
| 1228 | ALL | 289368.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 |
| 1229 | ALL | 289418.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 |
| 1230 | ALL | 289468.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 |
| 1231 | ALL | 289518.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 1232 | ALL | 289568.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 |
| 1233 | ALL | 289618.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 |
| 1234 | ALL | 289668.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 |
| 1235 | ALL | 289718.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 1236 | ALL | 289768.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 1237 | ALL | 289818.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 1238 | ALL | 289868.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 1239 | ALL | 289918.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 1240 | ALL | 289968.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 1241 | ALL | 290018.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 1242 | ALL | 290068.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 1243 | ALL | 290118.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 1244 | ALL | 290168.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 1245 | ALL | 290218.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 1246 | ALL | 290268.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 1247 | ALL | 290318.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1248 | ALL | 290368.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 |
| 1249 | ALL | 290418.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| 1250 | ALL | 290468.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 |
| 1251 | ALL | 290518.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 |
| 1252 | ALL | 290568.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 |
| 1253 | ALL | 290618.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 |
| 1254 | ALL | 289068.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-04 |
| 1255 | ALL | 289118.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 |
| 1256 | ALL | 289168.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-04 |
| 1257 | ALL | 289218.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 |
| 1258 | ALL | 289268.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 |
| 1259 | ALL | 289318.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 |
| 1260 | ALL | 289368.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 |
| 1261 | ALL | 289418.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 |
| 1262 | ALL | 289468.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 |
| 1263 | ALL | 289518.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 |
| 1264 | ALL | 289568.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 |
| 1265 | ALL | 289618.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 1266 | ALL | 289668.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 1267 | ALL | 289718.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 |
| 1268 | ALL | 289768.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 1269 | ALL | 289818.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 1270 | ALL | 289868.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 1271 | ALL | 289918.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 1272 | ALL | 289968.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 1273 | ALL | 290018.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 1274 | ALL | 290068.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 1275 | ALL | 290118.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 1276 | ALL | 290168.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 1277 | ALL | 290218.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 1278 | ALL | 290268.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 1279 | ALL | 290318.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 1280 | ALL | 290368.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 1281 | ALL | 290418.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 1282 | ALL | 290468.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 1283 | ALL | 290518.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 1284 | ALL | 290568.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 |
| 1285 | ALL | 290618.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 |
| 1286 | ALL | 289068.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 |
| 1287 | ALL | 289118.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 |
| 1288 | ALL | 289168.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-04 |
| 1289 | ALL | 289218.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 |
| 1290 | ALL | 289268.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 |
| 1291 | ALL | 289318.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-04 |
| 1292 | ALL | 289368.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 |
| 1293 | ALL | 289418.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 |
| 1294 | ALL | 289468.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 |
| 1295 | ALL | 289518.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 |
| 1296 | ALL | 289568.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 1297 | ALL | 289618.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 1298 | ALL | 289668.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 1299 | ALL | 289718.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1300 | ALL | 289768.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 1301 | ALL | 289818.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 1302 | ALL | 289868.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 1303 | ALL | 289918.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 1304 | ALL | 289968.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 1305 | ALL | 290018.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 1306 | ALL | 290068.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 1307 | ALL | 290118.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 1308 | ALL | 290168.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 1309 | ALL | 290218.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 1310 | ALL | 290268.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 1311 | ALL | 290318.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 1312 | ALL | 290368.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 1313 | ALL | 290418.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 1314 | ALL | 290468.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 1315 | ALL | 290518.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 1316 | ALL | 290568.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 |
| 1317 | ALL | 290618.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.80E-04 |
| 1318 | ALL | 289068.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-04 |
| 1319 | ALL | 289118.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 |
| 1320 | ALL | 289168.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-04 |
| 1321 | ALL | 289218.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-04 |
| 1322 | ALL | 289268.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-04 |
| 1323 | ALL | 289318.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 |
| 1324 | ALL | 289368.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 |
| 1325 | ALL | 289418.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 |
| 1326 | ALL | 289468.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 |
| 1327 | ALL | 289518.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 |
| 1328 | ALL | 289568.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 |
| 1329 | ALL | 289618.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 |
| 1330 | ALL | 289668.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 1331 | ALL | 289718.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 1332 | ALL | 289768.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 |
| 1333 | ALL | 289818.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 1334 | ALL | 289868.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 1335 | ALL | 289918.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 1336 | ALL | 289968.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 1337 | ALL | 290018.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 1338 | ALL | 290068.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 1339 | ALL | 290118.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 1340 | ALL | 290168.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 1341 | ALL | 290218.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 1342 | ALL | 290268.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 1343 | ALL | 290318.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 1344 | ALL | 290368.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 1345 | ALL | 290418.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 |
| 1346 | ALL | 290468.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| 1347 | ALL | 290518.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 |
| 1348 | ALL | 290568.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 |
| 1349 | ALL | 290618.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 |
| 1350 | ALL | 289068.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-04 |
| 1351 | ALL | 289118.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1352 | ALL | 289168.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-04 |
| 1353 | ALL | 289218.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 |
| 1354 | ALL | 289268.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-04 |
| 1355 | ALL | 289318.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 |
| 1356 | ALL | 289368.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-04 |
| 1357 | ALL | 289418.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 |
| 1358 | ALL | 289468.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 |
| 1359 | ALL | 289518.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 |
| 1360 | ALL | 289568.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 |
| 1361 | ALL | 289618.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 1362 | ALL | 289668.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 1363 | ALL | 289718.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 1364 | ALL | 289768.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 |
| 1365 | ALL | 289818.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 |
| 1366 | ALL | 289868.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 |
| 1367 | ALL | 289918.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 1368 | ALL | 289968.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 1369 | ALL | 290018.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 1370 | ALL | 290068.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 1371 | ALL | 290118.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 1372 | ALL | 290168.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 1373 | ALL | 290218.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 1374 | ALL | 290268.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 1375 | ALL | 290318.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 1376 | ALL | 290368.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 1377 | ALL | 290418.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 1378 | ALL | 290468.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 1379 | ALL | 290518.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 1380 | ALL | 290568.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 1381 | ALL | 290618.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 |
| 1382 | ALL | 289068.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 |
| 1383 | ALL | 289118.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 |
| 1384 | ALL | 289168.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 |
| 1385 | ALL | 289218.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 |
| 1386 | ALL | 289268.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-04 |
| 1387 | ALL | 289318.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-04 |
| 1388 | ALL | 289368.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-04 |
| 1389 | ALL | 289418.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 |
| 1390 | ALL | 289468.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 |
| 1391 | ALL | 289518.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 |
| 1392 | ALL | 289568.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 |
| 1393 | ALL | 289618.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 |
| 1394 | ALL | 289668.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 |
| 1395 | ALL | 289718.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 1396 | ALL | 289768.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 1397 | ALL | 289818.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |
| 1398 | ALL | 289868.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 1399 | ALL | 289918.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 |
| 1400 | ALL | 289968.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 1401 | ALL | 290018.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 1402 | ALL | 290068.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 1403 | ALL | 290118.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1404 | ALL | 290168.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 1405 | ALL | 290218.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 1406 | ALL | 290268.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 1407 | ALL | 290318.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 1408 | ALL | 290368.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 1409 | ALL | 290418.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 1410 | ALL | 290468.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 1411 | ALL | 290518.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 |
| 1412 | ALL | 290568.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 1413 | ALL | 290618.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 |
| 1414 | ALL | 289068.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-04 |
| 1415 | ALL | 289118.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-04 |
| 1416 | ALL | 289168.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-04 |
| 1417 | ALL | 289218.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 |
| 1418 | ALL | 289268.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 |
| 1419 | ALL | 289318.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-04 |
| 1420 | ALL | 289368.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 |
| 1421 | ALL | 289418.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 |
| 1422 | ALL | 289468.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 |
| 1423 | ALL | 289518.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 |
| 1424 | ALL | 289568.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 |
| 1425 | ALL | 289618.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 |
| 1426 | ALL | 289668.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 1427 | ALL | 289718.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 |
| 1428 | ALL | 289768.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 |
| 1429 | ALL | 289818.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 1430 | ALL | 289868.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 |
| 1431 | ALL | 289918.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 |
| 1432 | ALL | 289968.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 1433 | ALL | 290018.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 1434 | ALL | 290068.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 1435 | ALL | 290118.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 1436 | ALL | 290168.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 1437 | ALL | 290218.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 1438 | ALL | 290268.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 1439 | ALL | 290318.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 1440 | ALL | 290368.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 1441 | ALL | 290418.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 1442 | ALL | 290468.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 |
| 1443 | ALL | 290518.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 1444 | ALL | 290568.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 |
| 1445 | ALL | 290618.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 |
| 1446 | ALL | 289068.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-04 |
| 1447 | ALL | 289118.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 |
| 1448 | ALL | 289168.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-04 |
| 1449 | ALL | 289218.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-04 |
| 1450 | ALL | 289268.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 |
| 1451 | ALL | 289318.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-04 |
| 1452 | ALL | 289368.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 |
| 1453 | ALL | 289418.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-04 |
| 1454 | ALL | 289468.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 |
| 1455 | ALL | 289518.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1456 | ALL | 289568.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 |
| 1457 | ALL | 289618.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 |
| 1458 | ALL | 289668.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 |
| 1459 | ALL | 289718.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 |
| 1460 | ALL | 289768.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 |
| 1461 | ALL | 289818.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 |
| 1462 | ALL | 289868.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 1463 | ALL | 289918.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 1464 | ALL | 289968.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 1465 | ALL | 290018.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 1466 | ALL | 290068.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 1467 | ALL | 290118.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 1468 | ALL | 290168.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 1469 | ALL | 290218.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 1470 | ALL | 290268.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 1471 | ALL | 290318.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 1472 | ALL | 290368.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 1473 | ALL | 290418.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 1474 | ALL | 290468.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 1475 | ALL | 290518.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| 1476 | ALL | 290568.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 1477 | ALL | 290618.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 |
| 1478 | ALL | 289068.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-04 |
| 1479 | ALL | 289118.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-04 |
| 1480 | ALL | 289168.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-04 |
| 1481 | ALL | 289218.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-04 |
| 1482 | ALL | 289268.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 |
| 1483 | ALL | 289318.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 |
| 1484 | ALL | 289368.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-04 |
| 1485 | ALL | 289418.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 |
| 1486 | ALL | 289468.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-04 |
| 1487 | ALL | 289518.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 |
| 1488 | ALL | 289568.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 |
| 1489 | ALL | 289618.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 |
| 1490 | ALL | 289668.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 |
| 1491 | ALL | 289718.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 |
| 1492 | ALL | 289768.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 1493 | ALL | 289818.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 |
| 1494 | ALL | 289868.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 |
| 1495 | ALL | 289918.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 1496 | ALL | 289968.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 1497 | ALL | 290018.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 1498 | ALL | 290068.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 1499 | ALL | 290118.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 1500 | ALL | 290168.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 1501 | ALL | 290218.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 1502 | ALL | 290268.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 1503 | ALL | 290318.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 1504 | ALL | 290368.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 1505 | ALL | 290418.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 1506 | ALL | 290468.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 1507 | ALL | 290518.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1508 | ALL | 290568.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 1509 | ALL | 290618.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 1510 | ALL | 289068.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-04 |
| 1511 | ALL | 289118.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-04 |
| 1512 | ALL | 289168.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-04 |
| 1513 | ALL | 289218.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-04 |
| 1514 | ALL | 289268.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-04 |
| 1515 | ALL | 289318.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 |
| 1516 | ALL | 289368.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-04 |
| 1517 | ALL | 289418.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-04 |
| 1518 | ALL | 289468.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 |
| 1519 | ALL | 289518.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 |
| 1520 | ALL | 289568.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 |
| 1521 | ALL | 289618.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 1522 | ALL | 289668.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 |
| 1523 | ALL | 289718.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 |
| 1524 | ALL | 289768.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 1525 | ALL | 289818.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 1526 | ALL | 289868.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 |
| 1527 | ALL | 289918.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 |
| 1528 | ALL | 289968.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 |
| 1529 | ALL | 290018.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 1530 | ALL | 290068.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 1531 | ALL | 290118.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 1532 | ALL | 290168.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 1533 | ALL | 290218.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 1534 | ALL | 290268.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 1535 | ALL | 290318.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 1536 | ALL | 290368.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 1537 | ALL | 290418.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 1538 | ALL | 290468.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 1539 | ALL | 290518.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 1540 | ALL | 290568.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 |
| 1541 | ALL | 290618.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 1542 | ALL | 289068.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 |
| 1543 | ALL | 289118.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-04 |
| 1544 | ALL | 289168.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-04 |
| 1545 | ALL | 289218.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-04 |
| 1546 | ALL | 289268.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 |
| 1547 | ALL | 289318.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 |
| 1548 | ALL | 289368.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 |
| 1549 | ALL | 289418.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-04 |
| 1550 | ALL | 289468.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-04 |
| 1551 | ALL | 289518.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-04 |
| 1552 | ALL | 289568.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 |
| 1553 | ALL | 289618.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 |
| 1554 | ALL | 289668.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 |
| 1555 | ALL | 289718.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 |
| 1556 | ALL | 289768.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 |
| 1557 | ALL | 289818.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 1558 | ALL | 289868.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 |
| 1559 | ALL | 289918.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1560 | ALL | 289968.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 1561 | ALL | 290018.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 1562 | ALL | 290068.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 1563 | ALL | 290118.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 1564 | ALL | 290168.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 1565 | ALL | 290218.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 1566 | ALL | 290268.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 1567 | ALL | 290318.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 1568 | ALL | 290368.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 1569 | ALL | 290418.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 1570 | ALL | 290468.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 1571 | ALL | 290518.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 |
| 1572 | ALL | 290568.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 1573 | ALL | 290618.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 1574 | ALL | 289068.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-04 |
| 1575 | ALL | 289118.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 |
| 1576 | ALL | 289168.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-04 |
| 1577 | ALL | 289218.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-04 |
| 1578 | ALL | 289268.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-04 |
| 1579 | ALL | 289318.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-04 |
| 1580 | ALL | 289368.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 |
| 1581 | ALL | 289418.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-04 |
| 1582 | ALL | 289468.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-04 |
| 1583 | ALL | 289518.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-04 |
| 1584 | ALL | 289568.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 |
| 1585 | ALL | 289618.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 |
| 1586 | ALL | 289668.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 |
| 1587 | ALL | 289718.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 |
| 1588 | ALL | 289768.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 1589 | ALL | 289818.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 |
| 1590 | ALL | 289868.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 |
| 1591 | ALL | 289918.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 1592 | ALL | 289968.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 1593 | ALL | 290018.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 1594 | ALL | 290068.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 1595 | ALL | 290118.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 1596 | ALL | 290168.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 1597 | ALL | 290218.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 1598 | ALL | 290268.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 1599 | ALL | 290318.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 1600 | ALL | 290368.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 1601 | ALL | 290418.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 1602 | ALL | 290468.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 1603 | ALL | 290518.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 1604 | ALL | 290568.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| 1605 | ALL | 290618.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 |
| 1606 | ALL | 289068.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 |
| 1607 | ALL | 289118.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 |
| 1608 | ALL | 289168.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-04 |
| 1609 | ALL | 289218.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-04 |
| 1610 | ALL | 289268.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-04 |
| 1611 | ALL | 289318.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1612 | ALL | 289368.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 |
| 1613 | ALL | 289418.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 |
| 1614 | ALL | 289468.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 |
| 1615 | ALL | 289518.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 |
| 1616 | ALL | 289568.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 |
| 1617 | ALL | 289618.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 |
| 1618 | ALL | 289668.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 |
| 1619 | ALL | 289718.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 |
| 1620 | ALL | 289768.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 |
| 1621 | ALL | 289818.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 |
| 1622 | ALL | 289868.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 1623 | ALL | 289918.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 |
| 1624 | ALL | 289968.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 |
| 1625 | ALL | 290018.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 |
| 1626 | ALL | 290068.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 1627 | ALL | 290118.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 1628 | ALL | 290168.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 1629 | ALL | 290218.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 1630 | ALL | 290268.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 1631 | ALL | 290318.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 1632 | ALL | 290368.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 1633 | ALL | 290418.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 1634 | ALL | 290468.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 1635 | ALL | 290518.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 1636 | ALL | 290568.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| 1637 | ALL | 290618.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 |
| 1638 | ALL | 289068.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 |
| 1639 | ALL | 289118.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-04 |
| 1640 | ALL | 289168.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 |
| 1641 | ALL | 289218.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-04 |
| 1642 | ALL | 289268.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 |
| 1643 | ALL | 289318.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 |
| 1644 | ALL | 289368.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 |
| 1645 | ALL | 289418.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-04 |
| 1646 | ALL | 289468.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-04 |
| 1647 | ALL | 289518.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 |
| 1648 | ALL | 289568.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-04 |
| 1649 | ALL | 289618.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 |
| 1650 | ALL | 289668.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 |
| 1651 | ALL | 289718.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 |
| 1652 | ALL | 289768.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 |
| 1653 | ALL | 289818.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 |
| 1654 | ALL | 289868.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 1655 | ALL | 289918.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 |
| 1656 | ALL | 289968.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 1657 | ALL | 290018.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 1658 | ALL | 290068.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 1659 | ALL | 290118.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 1660 | ALL | 290168.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 1661 | ALL | 290218.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 1662 | ALL | 290268.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 1663 | ALL | 290318.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1664 | ALL | 290368.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 1665 | ALL | 290418.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 1666 | ALL | 290468.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 1667 | ALL | 290518.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 1668 | ALL | 290568.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 1669 | ALL | 290618.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 1670 | ALL | 289068.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-04 |
| 1671 | ALL | 289118.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 |
| 1672 | ALL | 289168.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 |
| 1673 | ALL | 289218.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-04 |
| 1674 | ALL | 289268.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-04 |
| 1675 | ALL | 289318.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-04 |
| 1676 | ALL | 289368.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 |
| 1677 | ALL | 289418.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-04 |
| 1678 | ALL | 289468.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-04 |
| 1679 | ALL | 289518.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-04 |
| 1680 | ALL | 289568.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 |
| 1681 | ALL | 289618.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 |
| 1682 | ALL | 289668.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 |
| 1683 | ALL | 289718.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 |
| 1684 | ALL | 289768.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 |
| 1685 | ALL | 289818.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 |
| 1686 | ALL | 289868.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 1687 | ALL | 289918.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 1688 | ALL | 289968.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |
| 1689 | ALL | 290018.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 1690 | ALL | 290068.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 1691 | ALL | 290118.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 1692 | ALL | 290168.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 1693 | ALL | 290218.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 1694 | ALL | 290268.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 1695 | ALL | 290318.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 1696 | ALL | 290368.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 1697 | ALL | 290418.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 1698 | ALL | 290468.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 1699 | ALL | 290518.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 1700 | ALL | 290568.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 1701 | ALL | 290618.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 1702 | ALL | 289068.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-04 |
| 1703 | ALL | 289118.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 |
| 1704 | ALL | 289168.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-04 |
| 1705 | ALL | 289218.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-04 |
| 1706 | ALL | 289268.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-04 |
| 1707 | ALL | 289318.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 |
| 1708 | ALL | 289368.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 |
| 1709 | ALL | 289418.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 |
| 1710 | ALL | 289468.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 |
| 1711 | ALL | 289518.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 |
| 1712 | ALL | 289568.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 |
| 1713 | ALL | 289618.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 |
| 1714 | ALL | 289668.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 |
| 1715 | ALL | 289718.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1716 | ALL | 289768.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 |
| 1717 | ALL | 289818.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 |
| 1718 | ALL | 289868.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 |
| 1719 | ALL | 289918.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 |
| 1720 | ALL | 289968.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 |
| 1721 | ALL | 290018.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 1722 | ALL | 290068.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-04 |
| 1723 | ALL | 290118.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 1724 | ALL | 290168.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 1725 | ALL | 290218.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 1726 | ALL | 290268.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 1727 | ALL | 290318.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 1728 | ALL | 290368.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 1729 | ALL | 290418.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 1730 | ALL | 290468.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 1731 | ALL | 290518.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 1732 | ALL | 290568.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 1733 | ALL | 290618.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 |
| 1734 | ALL | 290668.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 1735 | ALL | 289068.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 |
| 1736 | ALL | 289118.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-04 |
| 1737 | ALL | 289168.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-04 |
| 1738 | ALL | 289218.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 |
| 1739 | ALL | 289268.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-04 |
| 1740 | ALL | 289318.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 |
| 1741 | ALL | 289368.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 |
| 1742 | ALL | 289418.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 |
| 1743 | ALL | 289468.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-04 |
| 1744 | ALL | 289518.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-04 |
| 1745 | ALL | 289568.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-04 |
| 1746 | ALL | 289618.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-04 |
| 1747 | ALL | 289668.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-04 |
| 1748 | ALL | 289718.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 |
| 1749 | ALL | 289768.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 |
| 1750 | ALL | 289818.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 |
| 1751 | ALL | 289868.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 1752 | ALL | 289918.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 |
| 1753 | ALL | 289968.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 1754 | ALL | 290018.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 |
| 1755 | ALL | 290068.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 1756 | ALL | 290118.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 1757 | ALL | 290168.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 1758 | ALL | 290218.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 1759 | ALL | 290268.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 1760 | ALL | 290318.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 1761 | ALL | 290368.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 1762 | ALL | 290418.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 1763 | ALL | 290468.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 1764 | ALL | 290518.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 1765 | ALL | 290568.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 1766 | ALL | 290618.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.90E-04 |
| 1767 | ALL | 290668.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1768 | ALL | 289068.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-04 |
| 1769 | ALL | 289118.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-04 |
| 1770 | ALL | 289168.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 |
| 1771 | ALL | 289218.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 |
| 1772 | ALL | 289268.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-04 |
| 1773 | ALL | 289318.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-04 |
| 1774 | ALL | 289368.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-04 |
| 1775 | ALL | 289418.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-04 |
| 1776 | ALL | 289468.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 |
| 1777 | ALL | 289518.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-04 |
| 1778 | ALL | 289568.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 |
| 1779 | ALL | 289618.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 |
| 1780 | ALL | 289668.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 |
| 1781 | ALL | 289718.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 |
| 1782 | ALL | 289768.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 |
| 1783 | ALL | 289818.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-04 |
| 1784 | ALL | 289868.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 |
| 1785 | ALL | 289918.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 1786 | ALL | 289968.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 |
| 1787 | ALL | 290018.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-04 |
| 1788 | ALL | 290068.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 |
| 1789 | ALL | 290118.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 1790 | ALL | 290168.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 1791 | ALL | 290218.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 1792 | ALL | 290268.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 1793 | ALL | 290318.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 1794 | ALL | 290368.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 1795 | ALL | 290418.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 1796 | ALL | 290468.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 1797 | ALL | 290518.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 1798 | ALL | 290568.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 |
| 1799 | ALL | 290618.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 1800 | ALL | 290668.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 1801 | ALL | 289068.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-04 |
| 1802 | ALL | 289118.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-04 |
| 1803 | ALL | 289168.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 |
| 1804 | ALL | 289218.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-04 |
| 1805 | ALL | 289268.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-04 |
| 1806 | ALL | 289318.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-04 |
| 1807 | ALL | 289368.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-04 |
| 1808 | ALL | 289418.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-04 |
| 1809 | ALL | 289468.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-04 |
| 1810 | ALL | 289518.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-04 |
| 1811 | ALL | 289568.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-04 |
| 1812 | ALL | 289618.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-04 |
| 1813 | ALL | 289668.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 |
| 1814 | ALL | 289718.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-04 |
| 1815 | ALL | 289768.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 |
| 1816 | ALL | 289818.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 |
| 1817 | ALL | 289868.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 |
| 1818 | ALL | 289918.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 |
| 1819 | ALL | 289968.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1820 | ALL | 290018.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 |
| 1821 | ALL | 290068.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 |
| 1822 | ALL | 290118.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 1823 | ALL | 290168.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 1824 | ALL | 290218.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 1825 | ALL | 290268.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 1826 | ALL | 290318.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 1827 | ALL | 290368.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 1828 | ALL | 290418.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 1829 | ALL | 290468.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 1830 | ALL | 290518.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 1831 | ALL | 290568.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 |
| 1832 | ALL | 290618.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 1833 | ALL | 290668.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 1834 | ALL | 289068.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-04 |
| 1835 | ALL | 289118.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 |
| 1836 | ALL | 289168.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 |
| 1837 | ALL | 289218.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-04 |
| 1838 | ALL | 289268.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 |
| 1839 | ALL | 289318.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-04 |
| 1840 | ALL | 289368.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 |
| 1841 | ALL | 289418.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-04 |
| 1842 | ALL | 289468.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-04 |
| 1843 | ALL | 289518.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-04 |
| 1844 | ALL | 289568.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 |
| 1845 | ALL | 289618.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 |
| 1846 | ALL | 289668.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 |
| 1847 | ALL | 289718.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-04 |
| 1848 | ALL | 289768.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 |
| 1849 | ALL | 289818.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 |
| 1850 | ALL | 289868.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 |
| 1851 | ALL | 289918.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 1852 | ALL | 289968.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 |
| 1853 | ALL | 290018.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 1854 | ALL | 290068.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 |
| 1855 | ALL | 290118.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 1856 | ALL | 290168.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 1857 | ALL | 290218.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 1858 | ALL | 290268.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 1859 | ALL | 290318.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 1860 | ALL | 290368.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 1861 | ALL | 290418.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 1862 | ALL | 290468.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 1863 | ALL | 290518.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 1864 | ALL | 290568.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 |
| 1865 | ALL | 290618.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 1866 | ALL | 290668.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 1867 | ALL | 289068.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-04 |
| 1868 | ALL | 289118.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-04 |
| 1869 | ALL | 289168.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-04 |
| 1870 | ALL | 289218.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-04 |
| 1871 | ALL | 289268.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1872 | ALL | 289318.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-04 |
| 1873 | ALL | 289368.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-04 |
| 1874 | ALL | 289418.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 |
| 1875 | ALL | 289468.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 |
| 1876 | ALL | 289518.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 |
| 1877 | ALL | 289568.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 |
| 1878 | ALL | 289618.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-04 |
| 1879 | ALL | 289668.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 |
| 1880 | ALL | 289718.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 |
| 1881 | ALL | 289768.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 1882 | ALL | 289818.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 |
| 1883 | ALL | 289868.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 |
| 1884 | ALL | 289918.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 1885 | ALL | 289968.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 1886 | ALL | 290018.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 1887 | ALL | 290068.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 1888 | ALL | 290118.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 1889 | ALL | 290168.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 1890 | ALL | 290218.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 1891 | ALL | 290268.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 1892 | ALL | 290318.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 1893 | ALL | 290368.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 1894 | ALL | 290418.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 1895 | ALL | 290468.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 1896 | ALL | 290518.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 1897 | ALL | 290568.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 |
| 1898 | ALL | 290618.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 1899 | ALL | 290668.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 1900 | ALL | 289068.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-04 |
| 1901 | ALL | 289118.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-04 |
| 1902 | ALL | 289168.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-04 |
| 1903 | ALL | 289218.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 |
| 1904 | ALL | 289268.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 |
| 1905 | ALL | 289318.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-04 |
| 1906 | ALL | 289368.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-04 |
| 1907 | ALL | 289418.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-04 |
| 1908 | ALL | 289468.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-04 |
| 1909 | ALL | 289518.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-04 |
| 1910 | ALL | 289568.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-04 |
| 1911 | ALL | 289618.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 |
| 1912 | ALL | 289668.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 |
| 1913 | ALL | 289718.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 |
| 1914 | ALL | 289768.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 1915 | ALL | 289818.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 |
| 1916 | ALL | 289868.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 1917 | ALL | 289918.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 1918 | ALL | 289968.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 |
| 1919 | ALL | 290018.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |
| 1920 | ALL | 290068.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 1921 | ALL | 290118.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 1922 | ALL | 290168.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 1923 | ALL | 272471.4 | 3936795 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1924 | ALL | 272476.1 | 3936851 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 1925 | ALL | 272476.1 | 3936871 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.00E-04 |
| 1926 | ALL | 274071.4 | 3937707 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1927 | ALL | 274892.9 | 3937698 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 1928 | ALL | 276491.8 | 3934414 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 |
| 1929 | ALL | 276608.2 | 3934391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 |
| 1930 | ALL | 277368.5 | 3932692 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-04 |
| 1931 | ALL | 277334.4 | 3932296 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-04 |
| 1932 | ALL | 278631.6 | 3931857 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 |
| 1933 | ALL | 277069.2 | 3930943 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-04 |
| 1934 | ALL | 277106 | 3930948 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-04 |
| 1935 | ALL | 277197.1 | 3934370 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-04 |
| 1936 | ALL | 278211.2 | 3934460 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-04 |
| 1937 | ALL | 278462.6 | 3934456 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-04 |
| 1938 | ALL | 279439.6 | 3934433 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-04 |
| 1939 | ALL | 279499.1 | 3934425 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 |
| 1940 | ALL | 279717 | 3934533 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 1941 | ALL | 279787.5 | 3934453 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-04 |
| 1942 | ALL | 279767.4 | 3934438 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 1943 | ALL | 279804 | 3934534 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 1944 | ALL | 279703.3 | 3934468 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 1945 | ALL | 279959.6 | 3934349 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 1946 | ALL | 279070.3 | 3929610 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 |
| 1947 | ALL | 281930.8 | 3929547 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 |
| 1948 | ALL | 278554.8 | 3927380 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 |
| 1949 | ALL | 279013.7 | 3927235 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 |
| 1950 | ALL | 278705.3 | 3927244 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 |
| 1951 | ALL | 278562 | 3926446 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 1952 | ALL | 278713 | 3925870 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 1953 | ALL | 278400.6 | 3925609 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 1954 | ALL | 271067.8 | 3926037 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 1955 | ALL | 271395.7 | 3924492 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 |
| 1956 | ALL | 274067.6 | 3923357 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 |
| 1957 | ALL | 274170.4 | 3923361 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-04 |
| 1958 | ALL | 275491.3 | 3924125 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-04 |
| 1959 | ALL | 275777.4 | 3924326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-04 |
| 1960 | ALL | 274592.7 | 3925325 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.71E-04 |
| 1961 | ALL | 276220.6 | 3928164 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 |
| 1962 | ALL | 275219.9 | 3922052 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-04 |
| 1963 | ALL | 275270.3 | 3921833 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-04 |
| 1964 | ALL | 277670.6 | 3919962 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-04 |
| 1965 | ALL | 277749 | 3919861 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-04 |
| 1966 | ALL | 277676.8 | 3919256 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-04 |
| 1967 | ALL | 277668.5 | 3919215 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-04 |
| 1968 | ALL | 277674.7 | 3919184 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-04 |
| 1969 | ALL | 277672.6 | 3919163 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 |
| 1970 | ALL | 277666.4 | 3919134 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 |
| 1971 | ALL | 279687.9 | 3919923 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-04 |
| 1972 | ALL | 280183.4 | 3920697 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-04 |
| 1973 | ALL | 280769.3 | 3923565 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-04 |
| 1974 | ALL | 281572.5 | 3923239 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-04 |
| 1975 | ALL | 281822.6 | 3923557 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | ALL | 285142.5 | 3930154 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 |
| 1977 | ALL | 285957.1 | 3930237 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 |
| 1978 | ALL | 285974.2 | 3928742 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-04 |
| 1979 | ALL | 288363.6 | 3928594 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 |
| 1980 | ALL | 289352.5 | 3926976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 1981 | ALL | 288289.3 | 3926562 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-04 |
| 1982 | ALL | 288275 | 3925393 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-04 |
| 1983 | ALL | 287017.4 | 3924475 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-04 |
| 1984 | ALL | 286251.5 | 3923926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-04 |
| 1985 | ALL | 284335.1 | 3919955 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 |
| 1986 | ALL | 284280.3 | 3922298 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.99E-04 |
| 1987 | ALL | 284336.5 | 3923355 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-04 |
| 1988 | ALL | 285482.6 | 3927688 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.65E-04 |
| 1989 | ALL | 285071 | 3927902 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-04 |
| 1990 | ALL | 275130.9 | 3920423 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 1991 | ALL | 275126.7 | 3920328 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 1992 | ALL | 275310.5 | 3920330 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 1993 | ALL | 275318.8 | 3920226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 1994 | ALL | 276099.3 | 3920204 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-04 |
| 1995 | ALL | 276497.8 | 3920226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-04 |
| 1996 | ALL | 276516.4 | 3920602 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.80E-04 |
| 1997 | ALL | 276144.7 | 3920613 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 |
| 1998 | ALL | 276144.7 | 3920266 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-04 |
| 1999 | ALL | 276082.7 | 3920249 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-04 |
| 2000 | ALL | 276008.4 | 3920383 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-04 |
| 2001 | ALL | 275880.4 | 3920357 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-04 |
| 2002 | ALL | 275756.5 | 3920435 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 |
| 2003 | ALL | 275548 | 3920507 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 2004 | ALL | 275287.8 | 3920600 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 2005 | ALL | 275217.6 | 3920584 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-04 |
| 2006 | ALL | 275180.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 2007 | ALL | 275155.7 | 3920435 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 2008 | ALL | 289065.9 | 3921313 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-04 |
| 2009 | ALL | 290675.7 | 3921269 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 2010 | ALL | 290637.3 | 3919698 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.63E-04 |
| 2011 | ALL | 289016.6 | 3919736 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 |

HARP Project Summary Report 7/25/2025 2:37:49 PM

***PROJECT INFORMATION***
HARP Version: 22118
Project Name: BB HRA
Project Output Directory: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush
HARP Database: NA

***FACILITY INFORMATION***
Origin
X (m):0
Y (m):0
Zone:1
No. of Sources:0
No. of Buildings:0

***EMISSION INVENTORY***
No. of Pollutants:1
No. of Background Pollutants:0

Emissions

| ScrID | StkID | ProID | PolID | PolAbbrev | Multi | Annual Ems (lbs/yr) | MaxHr Ems (lbs/hr) | MWAF |
|---|---|---|---|---|---|---|---|---|
| ALL | 0 | 0 | 9901 | DieselExhPM | 1 | 90.4 | 0.04346 | 1 |

Background

| PolID | PolAbbrev | Conc (ug/m^3) | MWAF |
|---|---|---|---|

Ground level concentration files (\glc\)

9901MAXHR.txt
9901PER.txt

***POLLUTANT HEALTH INFORMATION***
Health Database: C:\HARP2\Tables\HEALTH17320.mdb
Health Table Version: HEALTH25003
Official: True

| PolID | PolAbbrev | InhCancer | OralCancer | AcuteREL | InhChronicREL | OralChronicREL | InhChronic8HRREL |
|---|---|---|---|---|---|---|---|
| 9901 | DieselExhPM | 1.1 | | | | | 5 |

***AIR DISPERSION MODELING INFORMATION***
Versions used in HARP.  All executables were obtained from USEPA's Support Center for Regulatory Atmospheric Modeling website (http://www.epa.gov/scram001/)
AERMOD: 18081
AERMAP: 18081
BPIPPRM: 04274
AERPLOT: 13329

***METEOROLOGICAL INFORMATION***
Version:
Surface File:
Profile File:
Surface Station:
Upper Station:
On-Site Station:

***LIST OF AIR DISPERSION FILES***
AERMOD Input File:
AERMOD Output File:
AERMOD Error File:
Plotfile list

---

***LIST OF RISK ASSESSMENT FILES***
Health risk analysis files (\hra\)

---

Residential MitigatedCancerRisk.csv
Residential MitigatedCancerRiskSumByRec.csv
Residential MitigatedCancerRiskSumByRec.pdf
Residential MitigatedGLCList.csv
Residential MitigatedHRAInput.hra
Residential MitigatedNCAcuteRisk.csv
Residential MitigatedNCAcuteRiskSumByRec.csv
Residential MitigatedNCChronicRisk.csv
Residential MitigatedNCChronicRiskSumByRec.csv
Residential MitigatedNCChronicRiskSumByRec.pdf
Residential MitigatedOutput.txt
Residential MitigatedPathwayRec.csv
Residential MitigatedPolDB.csv
ResidentialCancerRisk.csv
ResidentialCancerRiskSumByRec.csv
ResidentialCancerRiskSumByRec.pdf
ResidentialGLCList.csv
ResidentialHRAInput.hra
ResidentialNCAcuteRisk.csv
ResidentialNCAcuteRiskSumByRec.csv
ResidentialNCChronicRisk.csv
ResidentialNCChronicRiskSumByRec.csv

ResidentialNCChronicRiskSumByRec.pdf
ResidentialOutput.txt
ResidentialPathwayRec.csv
ResidentialPolDB.csv

Spatial averaging files (\sa\)

HARP2 - HRACalc (dated 22118) 7/25/2025 2:37:30 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

**********
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 5

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 3
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

**********
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

**********
INHALATION

Daily breathing rate: LongTerm24HR

**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

**********
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

**********
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment.  Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush\hra\Residential MitigatedCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush\hra\Residential MitigatedCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush\hra\Residential MitigatedNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush\hra\Residential MitigatedNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush\hra\Residential MitigatedNCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Buttonbush\hra\Residential MitigatedNCAcuteRiskSumByRec.csv
HRA ran successfully

| REC | GRP | NETID | X | Y | RISK_SUM | SCENARIO | INH_RISK | SOIL_RISK | DERMAL_R | MMILK_RIS | WATER_RIS | FISH_RISK | CROP_RISK | BEEF_RISK | DAIRY_RISK | PIG_RISK | CHICKEN_I | EGG_RISK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ALL | | 275884.3 | 3920211 | 9.11E-08 | 5YrCancer[ | 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 |
| 2 | ALL | | 275904.3 | 3920211 | 9.18E-08 | 5YrCancer[ | 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 |
| 3 | ALL | | 275924.3 | 3920211 | 9.26E-08 | 5YrCancer[ | 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 |
| 4 | ALL | | 275944.3 | 3920211 | 9.34E-08 | 5YrCancer[ | 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 |
| 5 | ALL | | 275964.3 | 3920211 | 9.42E-08 | 5YrCancer[ | 9.42E-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 |
| 6 | ALL | | 275984.3 | 3920211 | 9.50E-08 | 5YrCancer[ | 9.50E-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 |
| 7 | ALL | | 276004.3 | 3920211 | 9.58E-08 | 5YrCancer[ | 9.58E-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 |
| 8 | ALL | | 276024.3 | 3920211 | 9.66E-08 | 5YrCancer[ | 9.66E-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 |
| 9 | ALL | | 276044.3 | 3920211 | 9.75E-08 | 5YrCancer[ | 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 |
| 10 | ALL | | 276064.3 | 3920211 | 9.83E-08 | 5YrCancer[ | 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 |
| 11 | ALL | | 276084.3 | 3920211 | 9.92E-08 | 5YrCancer[ | 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 |
| 12 | ALL | | 276104.3 | 3920211 | 1.00E-07 | 5YrCancer[ | 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 |
| 13 | ALL | | 276124.3 | 3920211 | 1.01E-07 | 5YrCancer[ | 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 |
| 14 | ALL | | 276144.3 | 3920211 | 1.02E-07 | 5YrCancer[ | 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 |
| 15 | ALL | | 276164.3 | 3920211 | 1.03E-07 | 5YrCancer[ | 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 |
| 16 | ALL | | 276184.3 | 3920211 | 1.04E-07 | 5YrCancer[ | 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 |
| 17 | ALL | | 276204.3 | 3920211 | 1.05E-07 | 5YrCancer[ | 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 |
| 18 | ALL | | 275324.3 | 3920231 | 7.56E-08 | 5YrCancer[ | 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 |
| 19 | ALL | | 275344.3 | 3920231 | 7.61E-08 | 5YrCancer[ | 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 |
| 20 | ALL | | 275364.3 | 3920231 | 7.65E-08 | 5YrCancer[ | 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 |
| 21 | ALL | | 275384.3 | 3920231 | 7.70E-08 | 5YrCancer[ | 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 |
| 22 | ALL | | 275404.3 | 3920231 | 7.75E-08 | 5YrCancer[ | 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 |
| 23 | ALL | | 275424.3 | 3920231 | 7.80E-08 | 5YrCancer[ | 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 |
| 24 | ALL | | 275444.3 | 3920231 | 7.84E-08 | 5YrCancer[ | 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 |
| 25 | ALL | | 275464.3 | 3920231 | 7.89E-08 | 5YrCancer[ | 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 |
| 26 | ALL | | 275484.3 | 3920231 | 7.94E-08 | 5YrCancer[ | 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 |
| 27 | ALL | | 275504.3 | 3920231 | 7.99E-08 | 5YrCancer[ | 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 |
| 28 | ALL | | 275524.3 | 3920231 | 8.04E-08 | 5YrCancer[ | 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 |
| 29 | ALL | | 275544.3 | 3920231 | 8.10E-08 | 5YrCancer[ | 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 |
| 30 | ALL | | 275564.3 | 3920231 | 8.15E-08 | 5YrCancer[ | 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 |
| 31 | ALL | | 275584.3 | 3920231 | 8.20E-08 | 5YrCancer[ | 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 |
| 32 | ALL | | 275604.3 | 3920231 | 8.26E-08 | 5YrCancer[ | 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 |
| 33 | ALL | | 275624.3 | 3920231 | 8.32E-08 | 5YrCancer[ | 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 |
| 34 | ALL | | 275644.3 | 3920231 | 8.37E-08 | 5YrCancer[ | 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 |
| 35 | ALL | | 275664.3 | 3920231 | 8.43E-08 | 5YrCancer[ | 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 |
| 36 | ALL | | 275684.3 | 3920231 | 8.49E-08 | 5YrCancer[ | 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 |
| 37 | ALL | | 275704.3 | 3920231 | 8.56E-08 | 5YrCancer[ | 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 |
| 38 | ALL | | 275724.3 | 3920231 | 8.62E-08 | 5YrCancer[ | 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 |
| 39 | ALL | | 275744.3 | 3920231 | 8.68E-08 | 5YrCancer[ | 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 |
| 40 | ALL | | 275764.3 | 3920231 | 8.75E-08 | 5YrCancer[ | 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 |
| 41 | ALL | | 275784.3 | 3920231 | 8.82E-08 | 5YrCancer[ | 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 |
| 42 | ALL | | 275804.3 | 3920231 | 8.88E-08 | 5YrCancer[ | 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 |
| 43 | ALL | | 275824.3 | 3920231 | 8.95E-08 | 5YrCancer[ | 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 |
| 44 | ALL | | 275844.3 | 3920231 | 9.03E-08 | 5YrCancer[ | 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 |
| 45 | ALL | | 275864.3 | 3920231 | 9.10E-08 | 5YrCancer[ | 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 |
| 46 | ALL | | 275884.3 | 3920231 | 9.17E-08 | 5YrCancer[ | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 47 | ALL | 275904.3 | 3920231 | 9.25E-08 | 5YrCancerI | 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 |
| 48 | ALL | 275924.3 | 3920231 | 9.33E-08 | 5YrCancerI | 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 |
| 49 | ALL | 275944.3 | 3920231 | 9.41E-08 | 5YrCancerI | 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 |
| 50 | ALL | 275964.3 | 3920231 | 9.49E-08 | 5YrCancerI | 9.49E-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 |
| 51 | ALL | 275984.3 | 3920231 | 9.57E-08 | 5YrCancerI | 9.57E-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 |
| 52 | ALL | 276004.3 | 3920231 | 9.65E-08 | 5YrCancerI | 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 |
| 53 | ALL | 276024.3 | 3920231 | 9.74E-08 | 5YrCancerI | 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 |
| 54 | ALL | 276044.3 | 3920231 | 9.82E-08 | 5YrCancerI | 9.82E-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 |
| 55 | ALL | 276064.3 | 3920231 | 9.91E-08 | 5YrCancerI | 9.91E-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 |
| 56 | ALL | 276084.3 | 3920231 | 1.00E-07 | 5YrCancerI | 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 |
| 57 | ALL | 276104.3 | 3920231 | 1.01E-07 | 5YrCancerI | 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 |
| 58 | ALL | 276124.3 | 3920231 | 1.02E-07 | 5YrCancerI | 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 |
| 59 | ALL | 276144.3 | 3920231 | 1.03E-07 | 5YrCancerI | 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 |
| 60 | ALL | 276164.3 | 3920231 | 1.04E-07 | 5YrCancerI | 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 |
| 61 | ALL | 276184.3 | 3920231 | 1.05E-07 | 5YrCancerI | 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 |
| 62 | ALL | 276204.3 | 3920231 | 1.06E-07 | 5YrCancerI | 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 |
| 63 | ALL | 276224.3 | 3920231 | 1.07E-07 | 5YrCancerI | 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 |
| 64 | ALL | 276244.3 | 3920231 | 1.08E-07 | 5YrCancerI | 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 |
| 65 | ALL | 276264.3 | 3920231 | 1.09E-07 | 5YrCancerI | 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 |
| 66 | ALL | 276284.3 | 3920231 | 1.10E-07 | 5YrCancerI | 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 |
| 67 | ALL | 276304.3 | 3920231 | 1.12E-07 | 5YrCancerI | 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 |
| 68 | ALL | 276324.3 | 3920231 | 1.13E-07 | 5YrCancerI | 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 |
| 69 | ALL | 276344.3 | 3920231 | 1.14E-07 | 5YrCancerI | 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 |
| 70 | ALL | 276364.3 | 3920231 | 1.15E-07 | 5YrCancerI | 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 |
| 71 | ALL | 276384.3 | 3920231 | 1.17E-07 | 5YrCancerI | 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 |
| 72 | ALL | 276404.3 | 3920231 | 1.18E-07 | 5YrCancerI | 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 |
| 73 | ALL | 276424.3 | 3920231 | 1.20E-07 | 5YrCancerI | 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 |
| 74 | ALL | 276444.3 | 3920231 | 1.21E-07 | 5YrCancerI | 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 |
| 75 | ALL | 276464.3 | 3920231 | 1.23E-07 | 5YrCancerI | 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 |
| 76 | ALL | 276484.3 | 3920231 | 1.24E-07 | 5YrCancerI | 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 |
| 77 | ALL | 275324.3 | 3920251 | 7.60E-08 | 5YrCancerI | 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 |
| 78 | ALL | 275344.3 | 3920251 | 7.65E-08 | 5YrCancerI | 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 |
| 79 | ALL | 275364.3 | 3920251 | 7.69E-08 | 5YrCancerI | 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 |
| 80 | ALL | 275384.3 | 3920251 | 7.74E-08 | 5YrCancerI | 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 |
| 81 | ALL | 275404.3 | 3920251 | 7.79E-08 | 5YrCancerI | 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 |
| 82 | ALL | 275424.3 | 3920251 | 7.84E-08 | 5YrCancerI | 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 |
| 83 | ALL | 275444.3 | 3920251 | 7.89E-08 | 5YrCancerI | 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 |
| 84 | ALL | 275464.3 | 3920251 | 7.94E-08 | 5YrCancerI | 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 |
| 85 | ALL | 275484.3 | 3920251 | 7.99E-08 | 5YrCancerI | 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 |
| 86 | ALL | 275504.3 | 3920251 | 8.04E-08 | 5YrCancerI | 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 |
| 87 | ALL | 275524.3 | 3920251 | 8.09E-08 | 5YrCancerI | 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 |
| 88 | ALL | 275544.3 | 3920251 | 8.14E-08 | 5YrCancerI | 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 |
| 89 | ALL | 275564.3 | 3920251 | 8.20E-08 | 5YrCancerI | 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 |
| 90 | ALL | 275584.3 | 3920251 | 8.25E-08 | 5YrCancerI | 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 |
| 91 | ALL | 275604.3 | 3920251 | 8.31E-08 | 5YrCancerI | 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 |
| 92 | ALL | 275624.3 | 3920251 | 8.37E-08 | 5YrCancerI | 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 |
| 93 | ALL | 275644.3 | 3920251 | 8.43E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 94 | ALL | 275664.3 | 3920251 | 8.49E-08 | 5YrCancerI | 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 |
| 95 | ALL | 275684.3 | 3920251 | 8.55E-08 | 5YrCancerI | 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 |
| 96 | ALL | 275704.3 | 3920251 | 8.61E-08 | 5YrCancerI | 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 |
| 97 | ALL | 275724.3 | 3920251 | 8.67E-08 | 5YrCancerI | 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 |
| 98 | ALL | 275744.3 | 3920251 | 8.74E-08 | 5YrCancerI | 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 |
| 99 | ALL | 275764.3 | 3920251 | 8.81E-08 | 5YrCancerI | 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 |
| 100 | ALL | 275784.3 | 3920251 | 8.87E-08 | 5YrCancerI | 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 |
| 101 | ALL | 275804.3 | 3920251 | 8.94E-08 | 5YrCancerI | 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 |
| 102 | ALL | 275824.3 | 3920251 | 9.02E-08 | 5YrCancerI | 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 |
| 103 | ALL | 275844.3 | 3920251 | 9.09E-08 | 5YrCancerI | 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 |
| 104 | ALL | 275864.3 | 3920251 | 9.16E-08 | 5YrCancerI | 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 |
| 105 | ALL | 275884.3 | 3920251 | 9.24E-08 | 5YrCancerI | 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 |
| 106 | ALL | 275904.3 | 3920251 | 9.32E-08 | 5YrCancerI | 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 |
| 107 | ALL | 275924.3 | 3920251 | 9.39E-08 | 5YrCancerI | 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 |
| 108 | ALL | 275944.3 | 3920251 | 9.47E-08 | 5YrCancerI | 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 |
| 109 | ALL | 275964.3 | 3920251 | 9.56E-08 | 5YrCancerI | 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 |
| 110 | ALL | 275984.3 | 3920251 | 9.64E-08 | 5YrCancerI | 9.64E-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 |
| 111 | ALL | 276004.3 | 3920251 | 9.72E-08 | 5YrCancerI | 9.72E-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 |
| 112 | ALL | 276024.3 | 3920251 | 9.81E-08 | 5YrCancerI | 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 |
| 113 | ALL | 276044.3 | 3920251 | 9.90E-08 | 5YrCancerI | 9.90E-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 |
| 114 | ALL | 276064.3 | 3920251 | 9.99E-08 | 5YrCancerI | 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 |
| 115 | ALL | 276104.3 | 3920251 | 1.02E-07 | 5YrCancerI | 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 |
| 116 | ALL | 276124.3 | 3920251 | 1.03E-07 | 5YrCancerI | 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 |
| 117 | ALL | 276144.3 | 3920251 | 1.04E-07 | 5YrCancerI | 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 |
| 118 | ALL | 276164.3 | 3920251 | 1.05E-07 | 5YrCancerI | 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 |
| 119 | ALL | 276184.3 | 3920251 | 1.06E-07 | 5YrCancerI | 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 |
| 120 | ALL | 276204.3 | 3920251 | 1.07E-07 | 5YrCancerI | 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 |
| 121 | ALL | 276224.3 | 3920251 | 1.08E-07 | 5YrCancerI | 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 |
| 122 | ALL | 276244.3 | 3920251 | 1.09E-07 | 5YrCancerI | 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 |
| 123 | ALL | 276264.3 | 3920251 | 1.10E-07 | 5YrCancerI | 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 |
| 124 | ALL | 276284.3 | 3920251 | 1.12E-07 | 5YrCancerI | 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 |
| 125 | ALL | 276304.3 | 3920251 | 1.13E-07 | 5YrCancerI | 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 |
| 126 | ALL | 276324.3 | 3920251 | 1.14E-07 | 5YrCancerI | 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 |
| 127 | ALL | 276344.3 | 3920251 | 1.15E-07 | 5YrCancerI | 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 |
| 128 | ALL | 276364.3 | 3920251 | 1.17E-07 | 5YrCancerI | 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 |
| 129 | ALL | 276384.3 | 3920251 | 1.18E-07 | 5YrCancerI | 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 |
| 130 | ALL | 276404.3 | 3920251 | 1.19E-07 | 5YrCancerI | 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 |
| 131 | ALL | 276424.3 | 3920251 | 1.21E-07 | 5YrCancerI | 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 |
| 132 | ALL | 276444.3 | 3920251 | 1.22E-07 | 5YrCancerI | 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 |
| 133 | ALL | 276464.3 | 3920251 | 1.24E-07 | 5YrCancerI | 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 |
| 134 | ALL | 276484.3 | 3920251 | 1.26E-07 | 5YrCancerI | 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 |
| 135 | ALL | 275324.3 | 3920271 | 7.64E-08 | 5YrCancerI | 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 |
| 136 | ALL | 275344.3 | 3920271 | 7.69E-08 | 5YrCancerI | 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 |
| 137 | ALL | 275364.3 | 3920271 | 7.74E-08 | 5YrCancerI | 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 |
| 138 | ALL | 275384.3 | 3920271 | 7.79E-08 | 5YrCancerI | 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 |
| 139 | ALL | 275404.3 | 3920271 | 7.83E-08 | 5YrCancerI | 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 |
| 140 | ALL | 275424.3 | 3920271 | 7.88E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 141 | ALL | 275444.3 | 3920271 | 7.93E-08 | 5YrCancerI | 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 |
| 142 | ALL | 275464.3 | 3920271 | 7.98E-08 | 5YrCancerI | 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 |
| 143 | ALL | 275484.3 | 3920271 | 8.03E-08 | 5YrCancerI | 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 |
| 144 | ALL | 275504.3 | 3920271 | 8.09E-08 | 5YrCancerI | 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 |
| 145 | ALL | 275524.3 | 3920271 | 8.14E-08 | 5YrCancerI | 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 |
| 146 | ALL | 275544.3 | 3920271 | 8.19E-08 | 5YrCancerI | 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 |
| 147 | ALL | 275564.3 | 3920271 | 8.25E-08 | 5YrCancerI | 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 |
| 148 | ALL | 275584.3 | 3920271 | 8.30E-08 | 5YrCancerI | 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 |
| 149 | ALL | 275604.3 | 3920271 | 8.36E-08 | 5YrCancerI | 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 |
| 150 | ALL | 275624.3 | 3920271 | 8.42E-08 | 5YrCancerI | 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 |
| 151 | ALL | 275644.3 | 3920271 | 8.48E-08 | 5YrCancerI | 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 |
| 152 | ALL | 275664.3 | 3920271 | 8.54E-08 | 5YrCancerI | 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 |
| 153 | ALL | 275684.3 | 3920271 | 8.60E-08 | 5YrCancerI | 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 |
| 154 | ALL | 275704.3 | 3920271 | 8.66E-08 | 5YrCancerI | 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 |
| 155 | ALL | 275724.3 | 3920271 | 8.73E-08 | 5YrCancerI | 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 |
| 156 | ALL | 275744.3 | 3920271 | 8.80E-08 | 5YrCancerI | 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 |
| 157 | ALL | 275764.3 | 3920271 | 8.86E-08 | 5YrCancerI | 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 |
| 158 | ALL | 275784.3 | 3920271 | 8.93E-08 | 5YrCancerI | 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 |
| 159 | ALL | 275804.3 | 3920271 | 9.00E-08 | 5YrCancerI | 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 |
| 160 | ALL | 275824.3 | 3920271 | 9.08E-08 | 5YrCancerI | 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 |
| 161 | ALL | 275844.3 | 3920271 | 9.15E-08 | 5YrCancerI | 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 |
| 162 | ALL | 275864.3 | 3920271 | 9.23E-08 | 5YrCancerI | 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 |
| 163 | ALL | 275884.3 | 3920271 | 9.30E-08 | 5YrCancerI | 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 |
| 164 | ALL | 275904.3 | 3920271 | 9.38E-08 | 5YrCancerI | 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 |
| 165 | ALL | 275924.3 | 3920271 | 9.46E-08 | 5YrCancerI | 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 |
| 166 | ALL | 275944.3 | 3920271 | 9.54E-08 | 5YrCancerI | 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 |
| 167 | ALL | 275964.3 | 3920271 | 9.63E-08 | 5YrCancerI | 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 |
| 168 | ALL | 275984.3 | 3920271 | 9.71E-08 | 5YrCancerI | 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 |
| 169 | ALL | 276004.3 | 3920271 | 9.80E-08 | 5YrCancerI | 9.80E-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 |
| 170 | ALL | 276024.3 | 3920271 | 9.89E-08 | 5YrCancerI | 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 |
| 171 | ALL | 276044.3 | 3920271 | 9.98E-08 | 5YrCancerI | 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 |
| 172 | ALL | 276064.3 | 3920271 | 1.01E-07 | 5YrCancerI | 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 |
| 173 | ALL | 276164.3 | 3920271 | 1.06E-07 | 5YrCancerI | 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 |
| 174 | ALL | 276184.3 | 3920271 | 1.07E-07 | 5YrCancerI | 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 |
| 175 | ALL | 276204.3 | 3920271 | 1.08E-07 | 5YrCancerI | 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 |
| 176 | ALL | 276224.3 | 3920271 | 1.09E-07 | 5YrCancerI | 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 |
| 177 | ALL | 276244.3 | 3920271 | 1.10E-07 | 5YrCancerI | 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 |
| 178 | ALL | 276264.3 | 3920271 | 1.11E-07 | 5YrCancerI | 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 |
| 179 | ALL | 276284.3 | 3920271 | 1.13E-07 | 5YrCancerI | 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 |
| 180 | ALL | 276304.3 | 3920271 | 1.14E-07 | 5YrCancerI | 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 |
| 181 | ALL | 276324.3 | 3920271 | 1.15E-07 | 5YrCancerI | 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 |
| 182 | ALL | 276344.3 | 3920271 | 1.16E-07 | 5YrCancerI | 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 |
| 183 | ALL | 276364.3 | 3920271 | 1.18E-07 | 5YrCancerI | 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 |
| 184 | ALL | 276384.3 | 3920271 | 1.19E-07 | 5YrCancerI | 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 |
| 185 | ALL | 276404.3 | 3920271 | 1.21E-07 | 5YrCancerI | 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 |
| 186 | ALL | 276424.3 | 3920271 | 1.22E-07 | 5YrCancerI | 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 |
| 187 | ALL | 276444.3 | 3920271 | 1.24E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 188 | ALL | 276464.3 | 3920271 | 1.26E-07 | 5YrCancer[ | 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 |
| 189 | ALL | 276484.3 | 3920271 | 1.27E-07 | 5YrCancer[ | 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 |
| 190 | ALL | 275324.3 | 3920291 | 7.68E-08 | 5YrCancer[ | 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 |
| 191 | ALL | 275344.3 | 3920291 | 7.73E-08 | 5YrCancer[ | 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 |
| 192 | ALL | 275364.3 | 3920291 | 7.78E-08 | 5YrCancer[ | 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 |
| 193 | ALL | 275384.3 | 3920291 | 7.83E-08 | 5YrCancer[ | 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 |
| 194 | ALL | 275404.3 | 3920291 | 7.88E-08 | 5YrCancer[ | 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 |
| 195 | ALL | 275424.3 | 3920291 | 7.93E-08 | 5YrCancer[ | 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 |
| 196 | ALL | 275444.3 | 3920291 | 7.98E-08 | 5YrCancer[ | 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 |
| 197 | ALL | 275464.3 | 3920291 | 8.03E-08 | 5YrCancer[ | 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 |
| 198 | ALL | 275484.3 | 3920291 | 8.08E-08 | 5YrCancer[ | 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 |
| 199 | ALL | 275504.3 | 3920291 | 8.13E-08 | 5YrCancer[ | 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 |
| 200 | ALL | 275524.3 | 3920291 | 8.19E-08 | 5YrCancer[ | 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 |
| 201 | ALL | 275544.3 | 3920291 | 8.24E-08 | 5YrCancer[ | 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 |
| 202 | ALL | 275564.3 | 3920291 | 8.30E-08 | 5YrCancer[ | 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 |
| 203 | ALL | 275584.3 | 3920291 | 8.35E-08 | 5YrCancer[ | 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 |
| 204 | ALL | 275604.3 | 3920291 | 8.41E-08 | 5YrCancer[ | 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 |
| 205 | ALL | 275624.3 | 3920291 | 8.47E-08 | 5YrCancer[ | 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 |
| 206 | ALL | 275644.3 | 3920291 | 8.53E-08 | 5YrCancer[ | 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 |
| 207 | ALL | 275664.3 | 3920291 | 8.59E-08 | 5YrCancer[ | 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 |
| 208 | ALL | 275684.3 | 3920291 | 8.66E-08 | 5YrCancer[ | 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 |
| 209 | ALL | 275704.3 | 3920291 | 8.72E-08 | 5YrCancer[ | 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 |
| 210 | ALL | 275724.3 | 3920291 | 8.79E-08 | 5YrCancer[ | 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 |
| 211 | ALL | 275744.3 | 3920291 | 8.85E-08 | 5YrCancer[ | 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 |
| 212 | ALL | 275764.3 | 3920291 | 8.92E-08 | 5YrCancer[ | 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 |
| 213 | ALL | 275784.3 | 3920291 | 8.99E-08 | 5YrCancer[ | 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 |
| 214 | ALL | 275804.3 | 3920291 | 9.07E-08 | 5YrCancer[ | 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 |
| 215 | ALL | 275824.3 | 3920291 | 9.14E-08 | 5YrCancer[ | 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 |
| 216 | ALL | 275844.3 | 3920291 | 9.21E-08 | 5YrCancer[ | 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 |
| 217 | ALL | 275864.3 | 3920291 | 9.29E-08 | 5YrCancer[ | 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 |
| 218 | ALL | 275884.3 | 3920291 | 9.37E-08 | 5YrCancer[ | 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 |
| 219 | ALL | 275904.3 | 3920291 | 9.45E-08 | 5YrCancer[ | 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 |
| 220 | ALL | 275924.3 | 3920291 | 9.53E-08 | 5YrCancer[ | 9.53E-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 |
| 221 | ALL | 275944.3 | 3920291 | 9.62E-08 | 5YrCancer[ | 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 |
| 222 | ALL | 275964.3 | 3920291 | 9.70E-08 | 5YrCancer[ | 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 |
| 223 | ALL | 275984.3 | 3920291 | 9.79E-08 | 5YrCancer[ | 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 |
| 224 | ALL | 276004.3 | 3920291 | 9.87E-08 | 5YrCancer[ | 9.87E-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 |
| 225 | ALL | 276024.3 | 3920291 | 9.96E-08 | 5YrCancer[ | 9.96E-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 |
| 226 | ALL | 276044.3 | 3920291 | 1.01E-07 | 5YrCancer[ | 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 |
| 227 | ALL | 276164.3 | 3920291 | 1.07E-07 | 5YrCancer[ | 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 |
| 228 | ALL | 276184.3 | 3920291 | 1.08E-07 | 5YrCancer[ | 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 |
| 229 | ALL | 276204.3 | 3920291 | 1.09E-07 | 5YrCancer[ | 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 |
| 230 | ALL | 276224.3 | 3920291 | 1.10E-07 | 5YrCancer[ | 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 |
| 231 | ALL | 276244.3 | 3920291 | 1.11E-07 | 5YrCancer[ | 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 |
| 232 | ALL | 276264.3 | 3920291 | 1.12E-07 | 5YrCancer[ | 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 |
| 233 | ALL | 276284.3 | 3920291 | 1.14E-07 | 5YrCancer[ | 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 |
| 234 | ALL | 276304.3 | 3920291 | 1.15E-07 | 5YrCancer[ | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 235 | ALL | 276324.3 | 3920291 | 1.16E-07 | 5YrCancerI | 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 |
| 236 | ALL | 276344.3 | 3920291 | 1.18E-07 | 5YrCancerI | 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 |
| 237 | ALL | 276364.3 | 3920291 | 1.19E-07 | 5YrCancerI | 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 |
| 238 | ALL | 276384.3 | 3920291 | 1.21E-07 | 5YrCancerI | 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 |
| 239 | ALL | 276404.3 | 3920291 | 1.22E-07 | 5YrCancerI | 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 |
| 240 | ALL | 276424.3 | 3920291 | 1.24E-07 | 5YrCancerI | 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 |
| 241 | ALL | 276444.3 | 3920291 | 1.25E-07 | 5YrCancerI | 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 |
| 242 | ALL | 276464.3 | 3920291 | 1.27E-07 | 5YrCancerI | 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 |
| 243 | ALL | 276484.3 | 3920291 | 1.29E-07 | 5YrCancerI | 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 |
| 244 | ALL | 275324.3 | 3920311 | 7.73E-08 | 5YrCancerI | 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 |
| 245 | ALL | 275344.3 | 3920311 | 7.77E-08 | 5YrCancerI | 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 |
| 246 | ALL | 275364.3 | 3920311 | 7.82E-08 | 5YrCancerI | 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 |
| 247 | ALL | 275384.3 | 3920311 | 7.87E-08 | 5YrCancerI | 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 |
| 248 | ALL | 275404.3 | 3920311 | 7.92E-08 | 5YrCancerI | 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 |
| 249 | ALL | 275424.3 | 3920311 | 7.97E-08 | 5YrCancerI | 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 |
| 250 | ALL | 275444.3 | 3920311 | 8.03E-08 | 5YrCancerI | 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 |
| 251 | ALL | 275464.3 | 3920311 | 8.08E-08 | 5YrCancerI | 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 |
| 252 | ALL | 275484.3 | 3920311 | 8.13E-08 | 5YrCancerI | 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 |
| 253 | ALL | 275504.3 | 3920311 | 8.18E-08 | 5YrCancerI | 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 |
| 254 | ALL | 275524.3 | 3920311 | 8.24E-08 | 5YrCancerI | 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 |
| 255 | ALL | 275544.3 | 3920311 | 8.29E-08 | 5YrCancerI | 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 |
| 256 | ALL | 275564.3 | 3920311 | 8.35E-08 | 5YrCancerI | 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 |
| 257 | ALL | 275584.3 | 3920311 | 8.41E-08 | 5YrCancerI | 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 |
| 258 | ALL | 275604.3 | 3920311 | 8.46E-08 | 5YrCancerI | 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 |
| 259 | ALL | 275624.3 | 3920311 | 8.52E-08 | 5YrCancerI | 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 |
| 260 | ALL | 275644.3 | 3920311 | 8.58E-08 | 5YrCancerI | 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 |
| 261 | ALL | 275664.3 | 3920311 | 8.65E-08 | 5YrCancerI | 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 |
| 262 | ALL | 275684.3 | 3920311 | 8.71E-08 | 5YrCancerI | 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 |
| 263 | ALL | 275704.3 | 3920311 | 8.78E-08 | 5YrCancerI | 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 |
| 264 | ALL | 275724.3 | 3920311 | 8.85E-08 | 5YrCancerI | 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 |
| 265 | ALL | 275744.3 | 3920311 | 8.91E-08 | 5YrCancerI | 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 |
| 266 | ALL | 275764.3 | 3920311 | 8.98E-08 | 5YrCancerI | 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 |
| 267 | ALL | 275784.3 | 3920311 | 9.06E-08 | 5YrCancerI | 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 |
| 268 | ALL | 275804.3 | 3920311 | 9.13E-08 | 5YrCancerI | 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 |
| 269 | ALL | 275824.3 | 3920311 | 9.20E-08 | 5YrCancerI | 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 |
| 270 | ALL | 275844.3 | 3920311 | 9.28E-08 | 5YrCancerI | 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 |
| 271 | ALL | 275864.3 | 3920311 | 9.36E-08 | 5YrCancerI | 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 |
| 272 | ALL | 275884.3 | 3920311 | 9.44E-08 | 5YrCancerI | 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 |
| 273 | ALL | 275904.3 | 3920311 | 9.52E-08 | 5YrCancerI | 9.52E-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 |
| 274 | ALL | 275924.3 | 3920311 | 9.60E-08 | 5YrCancerI | 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 |
| 275 | ALL | 275944.3 | 3920311 | 9.69E-08 | 5YrCancerI | 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 |
| 276 | ALL | 275964.3 | 3920311 | 9.77E-08 | 5YrCancerI | 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 |
| 277 | ALL | 275984.3 | 3920311 | 9.86E-08 | 5YrCancerI | 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 |
| 278 | ALL | 276004.3 | 3920311 | 9.95E-08 | 5YrCancerI | 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 |
| 279 | ALL | 276024.3 | 3920311 | 1.00E-07 | 5YrCancerI | 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 |
| 280 | ALL | 276044.3 | 3920311 | 1.01E-07 | 5YrCancerI | 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 |
| 281 | ALL | 276164.3 | 3920311 | 1.08E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 282 | ALL | 276184.3 | 3920311 | 1.09E-07 | 5YrCancerI | 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 |
| 283 | ALL | 276204.3 | 3920311 | 1.10E-07 | 5YrCancerI | 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 |
| 284 | ALL | 276224.3 | 3920311 | 1.11E-07 | 5YrCancerI | 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 |
| 285 | ALL | 276244.3 | 3920311 | 1.12E-07 | 5YrCancerI | 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 |
| 286 | ALL | 276264.3 | 3920311 | 1.14E-07 | 5YrCancerI | 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 |
| 287 | ALL | 276284.3 | 3920311 | 1.15E-07 | 5YrCancerI | 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 |
| 288 | ALL | 276304.3 | 3920311 | 1.16E-07 | 5YrCancerI | 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 |
| 289 | ALL | 276324.3 | 3920311 | 1.18E-07 | 5YrCancerI | 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 |
| 290 | ALL | 276344.3 | 3920311 | 1.19E-07 | 5YrCancerI | 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 |
| 291 | ALL | 276364.3 | 3920311 | 1.20E-07 | 5YrCancerI | 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 |
| 292 | ALL | 276384.3 | 3920311 | 1.22E-07 | 5YrCancerI | 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 |
| 293 | ALL | 276404.3 | 3920311 | 1.24E-07 | 5YrCancerI | 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 |
| 294 | ALL | 276424.3 | 3920311 | 1.25E-07 | 5YrCancerI | 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 |
| 295 | ALL | 276444.3 | 3920311 | 1.27E-07 | 5YrCancerI | 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 |
| 296 | ALL | 276464.3 | 3920311 | 1.29E-07 | 5YrCancerI | 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 |
| 297 | ALL | 276484.3 | 3920311 | 1.31E-07 | 5YrCancerI | 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 |
| 298 | ALL | 275144.3 | 3920331 | 7.33E-08 | 5YrCancerI | 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 |
| 299 | ALL | 275164.3 | 3920331 | 7.38E-08 | 5YrCancerI | 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 |
| 300 | ALL | 275184.3 | 3920331 | 7.43E-08 | 5YrCancerI | 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 |
| 301 | ALL | 275204.3 | 3920331 | 7.48E-08 | 5YrCancerI | 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 |
| 302 | ALL | 275224.3 | 3920331 | 7.52E-08 | 5YrCancerI | 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 |
| 303 | ALL | 275244.3 | 3920331 | 7.57E-08 | 5YrCancerI | 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 |
| 304 | ALL | 275264.3 | 3920331 | 7.62E-08 | 5YrCancerI | 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 |
| 305 | ALL | 275284.3 | 3920331 | 7.67E-08 | 5YrCancerI | 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 |
| 306 | ALL | 275304.3 | 3920331 | 7.72E-08 | 5YrCancerI | 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 |
| 307 | ALL | 275324.3 | 3920331 | 7.77E-08 | 5YrCancerI | 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 |
| 308 | ALL | 275344.3 | 3920331 | 7.82E-08 | 5YrCancerI | 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 |
| 309 | ALL | 275364.3 | 3920331 | 7.87E-08 | 5YrCancerI | 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 |
| 310 | ALL | 275384.3 | 3920331 | 7.92E-08 | 5YrCancerI | 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 |
| 311 | ALL | 275404.3 | 3920331 | 7.97E-08 | 5YrCancerI | 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 |
| 312 | ALL | 275424.3 | 3920331 | 8.02E-08 | 5YrCancerI | 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 |
| 313 | ALL | 275444.3 | 3920331 | 8.07E-08 | 5YrCancerI | 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 |
| 314 | ALL | 275464.3 | 3920331 | 8.12E-08 | 5YrCancerI | 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 |
| 315 | ALL | 275484.3 | 3920331 | 8.18E-08 | 5YrCancerI | 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 |
| 316 | ALL | 275504.3 | 3920331 | 8.23E-08 | 5YrCancerI | 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 |
| 317 | ALL | 275524.3 | 3920331 | 8.29E-08 | 5YrCancerI | 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 |
| 318 | ALL | 275544.3 | 3920331 | 8.34E-08 | 5YrCancerI | 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 |
| 319 | ALL | 275564.3 | 3920331 | 8.40E-08 | 5YrCancerI | 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 |
| 320 | ALL | 275584.3 | 3920331 | 8.46E-08 | 5YrCancerI | 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 |
| 321 | ALL | 275604.3 | 3920331 | 8.52E-08 | 5YrCancerI | 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 |
| 322 | ALL | 275624.3 | 3920331 | 8.58E-08 | 5YrCancerI | 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 |
| 323 | ALL | 275644.3 | 3920331 | 8.64E-08 | 5YrCancerI | 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 |
| 324 | ALL | 275664.3 | 3920331 | 8.70E-08 | 5YrCancerI | 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 |
| 325 | ALL | 275684.3 | 3920331 | 8.77E-08 | 5YrCancerI | 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 |
| 326 | ALL | 275704.3 | 3920331 | 8.84E-08 | 5YrCancerI | 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 |
| 327 | ALL | 275724.3 | 3920331 | 8.90E-08 | 5YrCancerI | 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 |
| 328 | ALL | 275744.3 | 3920331 | 8.97E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 329 | ALL | 275764.3 | 3920331 | 9.04E-08 | 5YrCancerI | 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 |
| 330 | ALL | 275784.3 | 3920331 | 9.12E-08 | 5YrCancerI | 9.12E-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 |
| 331 | ALL | 275804.3 | 3920331 | 9.19E-08 | 5YrCancerI | 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 |
| 332 | ALL | 275824.3 | 3920331 | 9.27E-08 | 5YrCancerI | 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 |
| 333 | ALL | 275844.3 | 3920331 | 9.35E-08 | 5YrCancerI | 9.35E-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 |
| 334 | ALL | 275864.3 | 3920331 | 9.42E-08 | 5YrCancerI | 9.42E-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 |
| 335 | ALL | 275884.3 | 3920331 | 9.51E-08 | 5YrCancerI | 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 |
| 336 | ALL | 275904.3 | 3920331 | 9.59E-08 | 5YrCancerI | 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 |
| 337 | ALL | 275924.3 | 3920331 | 9.67E-08 | 5YrCancerI | 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 |
| 338 | ALL | 275944.3 | 3920331 | 9.76E-08 | 5YrCancerI | 9.76E-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 |
| 339 | ALL | 275964.3 | 3920331 | 9.85E-08 | 5YrCancerI | 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 |
| 340 | ALL | 275984.3 | 3920331 | 9.94E-08 | 5YrCancerI | 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 |
| 341 | ALL | 276004.3 | 3920331 | 1.00E-07 | 5YrCancerI | 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 |
| 342 | ALL | 276024.3 | 3920331 | 1.01E-07 | 5YrCancerI | 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 |
| 343 | ALL | 276164.3 | 3920331 | 1.09E-07 | 5YrCancerI | 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 |
| 344 | ALL | 276184.3 | 3920331 | 1.10E-07 | 5YrCancerI | 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 |
| 345 | ALL | 276204.3 | 3920331 | 1.11E-07 | 5YrCancerI | 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 |
| 346 | ALL | 276224.3 | 3920331 | 1.12E-07 | 5YrCancerI | 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 |
| 347 | ALL | 276244.3 | 3920331 | 1.13E-07 | 5YrCancerI | 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 |
| 348 | ALL | 276264.3 | 3920331 | 1.15E-07 | 5YrCancerI | 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 |
| 349 | ALL | 276284.3 | 3920331 | 1.16E-07 | 5YrCancerI | 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 |
| 350 | ALL | 276304.3 | 3920331 | 1.17E-07 | 5YrCancerI | 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 |
| 351 | ALL | 276324.3 | 3920331 | 1.19E-07 | 5YrCancerI | 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 |
| 352 | ALL | 276344.3 | 3920331 | 1.20E-07 | 5YrCancerI | 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 |
| 353 | ALL | 276364.3 | 3920331 | 1.22E-07 | 5YrCancerI | 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 |
| 354 | ALL | 276384.3 | 3920331 | 1.23E-07 | 5YrCancerI | 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 |
| 355 | ALL | 276404.3 | 3920331 | 1.25E-07 | 5YrCancerI | 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 |
| 356 | ALL | 276424.3 | 3920331 | 1.27E-07 | 5YrCancerI | 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 |
| 357 | ALL | 276444.3 | 3920331 | 1.28E-07 | 5YrCancerI | 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 |
| 358 | ALL | 276464.3 | 3920331 | 1.30E-07 | 5YrCancerI | 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 |
| 359 | ALL | 276484.3 | 3920331 | 1.32E-07 | 5YrCancerI | 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 |
| 360 | ALL | 275144.3 | 3920351 | 7.37E-08 | 5YrCancerI | 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 |
| 361 | ALL | 275164.3 | 3920351 | 7.42E-08 | 5YrCancerI | 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 |
| 362 | ALL | 275184.3 | 3920351 | 7.47E-08 | 5YrCancerI | 7.47E-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 |
| 363 | ALL | 275204.3 | 3920351 | 7.51E-08 | 5YrCancerI | 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 |
| 364 | ALL | 275224.3 | 3920351 | 7.56E-08 | 5YrCancerI | 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 |
| 365 | ALL | 275244.3 | 3920351 | 7.61E-08 | 5YrCancerI | 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 |
| 366 | ALL | 275264.3 | 3920351 | 7.66E-08 | 5YrCancerI | 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 |
| 367 | ALL | 275284.3 | 3920351 | 7.71E-08 | 5YrCancerI | 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 |
| 368 | ALL | 275304.3 | 3920351 | 7.76E-08 | 5YrCancerI | 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 |
| 369 | ALL | 275324.3 | 3920351 | 7.81E-08 | 5YrCancerI | 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 |
| 370 | ALL | 275344.3 | 3920351 | 7.86E-08 | 5YrCancerI | 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 |
| 371 | ALL | 275364.3 | 3920351 | 7.91E-08 | 5YrCancerI | 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 |
| 372 | ALL | 275384.3 | 3920351 | 7.96E-08 | 5YrCancerI | 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 |
| 373 | ALL | 275404.3 | 3920351 | 8.01E-08 | 5YrCancerI | 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 |
| 374 | ALL | 275424.3 | 3920351 | 8.07E-08 | 5YrCancerI | 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 |
| 375 | ALL | 275444.3 | 3920351 | 8.12E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 376 | ALL | 275464.3 | 3920351 | 8.17E-08 | 5YrCancerI | 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 |
| 377 | ALL | 275484.3 | 3920351 | 8.23E-08 | 5YrCancerI | 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 |
| 378 | ALL | 275504.3 | 3920351 | 8.28E-08 | 5YrCancerI | 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 |
| 379 | ALL | 275524.3 | 3920351 | 8.34E-08 | 5YrCancerI | 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 |
| 380 | ALL | 275544.3 | 3920351 | 8.39E-08 | 5YrCancerI | 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 |
| 381 | ALL | 275564.3 | 3920351 | 8.45E-08 | 5YrCancerI | 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 |
| 382 | ALL | 275584.3 | 3920351 | 8.51E-08 | 5YrCancerI | 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 |
| 383 | ALL | 275604.3 | 3920351 | 8.57E-08 | 5YrCancerI | 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 |
| 384 | ALL | 275624.3 | 3920351 | 8.63E-08 | 5YrCancerI | 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 |
| 385 | ALL | 275644.3 | 3920351 | 8.70E-08 | 5YrCancerI | 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 |
| 386 | ALL | 275664.3 | 3920351 | 8.76E-08 | 5YrCancerI | 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 |
| 387 | ALL | 275684.3 | 3920351 | 8.83E-08 | 5YrCancerI | 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 |
| 388 | ALL | 275704.3 | 3920351 | 8.89E-08 | 5YrCancerI | 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 |
| 389 | ALL | 275724.3 | 3920351 | 8.96E-08 | 5YrCancerI | 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 |
| 390 | ALL | 275744.3 | 3920351 | 9.03E-08 | 5YrCancerI | 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 |
| 391 | ALL | 275764.3 | 3920351 | 9.11E-08 | 5YrCancerI | 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 |
| 392 | ALL | 275784.3 | 3920351 | 9.18E-08 | 5YrCancerI | 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 |
| 393 | ALL | 275804.3 | 3920351 | 9.26E-08 | 5YrCancerI | 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 |
| 394 | ALL | 275824.3 | 3920351 | 9.33E-08 | 5YrCancerI | 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 |
| 395 | ALL | 275844.3 | 3920351 | 9.41E-08 | 5YrCancerI | 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 |
| 396 | ALL | 275864.3 | 3920351 | 9.49E-08 | 5YrCancerI | 9.49E-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 |
| 397 | ALL | 275884.3 | 3920351 | 9.58E-08 | 5YrCancerI | 9.58E-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 |
| 398 | ALL | 275904.3 | 3920351 | 9.66E-08 | 5YrCancerI | 9.66E-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 |
| 399 | ALL | 275924.3 | 3920351 | 9.75E-08 | 5YrCancerI | 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 |
| 400 | ALL | 275944.3 | 3920351 | 9.83E-08 | 5YrCancerI | 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 |
| 401 | ALL | 275964.3 | 3920351 | 9.92E-08 | 5YrCancerI | 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 |
| 402 | ALL | 275984.3 | 3920351 | 1.00E-07 | 5YrCancerI | 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 |
| 403 | ALL | 276004.3 | 3920351 | 1.01E-07 | 5YrCancerI | 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 |
| 404 | ALL | 276024.3 | 3920351 | 1.02E-07 | 5YrCancerI | 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 |
| 405 | ALL | 276164.3 | 3920351 | 1.10E-07 | 5YrCancerI | 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 |
| 406 | ALL | 276184.3 | 3920351 | 1.11E-07 | 5YrCancerI | 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 |
| 407 | ALL | 276204.3 | 3920351 | 1.12E-07 | 5YrCancerI | 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 |
| 408 | ALL | 276224.3 | 3920351 | 1.13E-07 | 5YrCancerI | 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 |
| 409 | ALL | 276244.3 | 3920351 | 1.15E-07 | 5YrCancerI | 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 |
| 410 | ALL | 276264.3 | 3920351 | 1.16E-07 | 5YrCancerI | 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 |
| 411 | ALL | 276284.3 | 3920351 | 1.17E-07 | 5YrCancerI | 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 |
| 412 | ALL | 276304.3 | 3920351 | 1.19E-07 | 5YrCancerI | 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 |
| 413 | ALL | 276324.3 | 3920351 | 1.20E-07 | 5YrCancerI | 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 |
| 414 | ALL | 276344.3 | 3920351 | 1.22E-07 | 5YrCancerI | 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 |
| 415 | ALL | 276364.3 | 3920351 | 1.23E-07 | 5YrCancerI | 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 |
| 416 | ALL | 276384.3 | 3920351 | 1.25E-07 | 5YrCancerI | 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 |
| 417 | ALL | 276404.3 | 3920351 | 1.27E-07 | 5YrCancerI | 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 |
| 418 | ALL | 276424.3 | 3920351 | 1.28E-07 | 5YrCancerI | 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 |
| 419 | ALL | 276444.3 | 3920351 | 1.30E-07 | 5YrCancerI | 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 |
| 420 | ALL | 276464.3 | 3920351 | 1.32E-07 | 5YrCancerI | 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 |
| 421 | ALL | 276484.3 | 3920351 | 1.34E-07 | 5YrCancerI | 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 |
| 422 | ALL | 275144.3 | 3920371 | 7.41E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 423 | ALL | 275164.3 | 3920371 | 7.46E-08 | 5YrCancerI | 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 |
| 424 | ALL | 275184.3 | 3920371 | 7.51E-08 | 5YrCancerI | 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 |
| 425 | ALL | 275204.3 | 3920371 | 7.55E-08 | 5YrCancerI | 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 |
| 426 | ALL | 275224.3 | 3920371 | 7.60E-08 | 5YrCancerI | 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 |
| 427 | ALL | 275244.3 | 3920371 | 7.65E-08 | 5YrCancerI | 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 |
| 428 | ALL | 275264.3 | 3920371 | 7.70E-08 | 5YrCancerI | 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 |
| 429 | ALL | 275284.3 | 3920371 | 7.75E-08 | 5YrCancerI | 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 |
| 430 | ALL | 275304.3 | 3920371 | 7.80E-08 | 5YrCancerI | 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 |
| 431 | ALL | 275324.3 | 3920371 | 7.85E-08 | 5YrCancerI | 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 |
| 432 | ALL | 275344.3 | 3920371 | 7.90E-08 | 5YrCancerI | 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 |
| 433 | ALL | 275364.3 | 3920371 | 7.96E-08 | 5YrCancerI | 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 |
| 434 | ALL | 275384.3 | 3920371 | 8.01E-08 | 5YrCancerI | 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 |
| 435 | ALL | 275404.3 | 3920371 | 8.06E-08 | 5YrCancerI | 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 |
| 436 | ALL | 275424.3 | 3920371 | 8.11E-08 | 5YrCancerI | 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 |
| 437 | ALL | 275444.3 | 3920371 | 8.17E-08 | 5YrCancerI | 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 |
| 438 | ALL | 275464.3 | 3920371 | 8.22E-08 | 5YrCancerI | 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 |
| 439 | ALL | 275484.3 | 3920371 | 8.28E-08 | 5YrCancerI | 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 |
| 440 | ALL | 275504.3 | 3920371 | 8.33E-08 | 5YrCancerI | 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 |
| 441 | ALL | 275524.3 | 3920371 | 8.39E-08 | 5YrCancerI | 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 |
| 442 | ALL | 275544.3 | 3920371 | 8.45E-08 | 5YrCancerI | 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 |
| 443 | ALL | 275564.3 | 3920371 | 8.50E-08 | 5YrCancerI | 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 |
| 444 | ALL | 275584.3 | 3920371 | 8.56E-08 | 5YrCancerI | 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 |
| 445 | ALL | 275604.3 | 3920371 | 8.62E-08 | 5YrCancerI | 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 |
| 446 | ALL | 275624.3 | 3920371 | 8.69E-08 | 5YrCancerI | 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 |
| 447 | ALL | 275644.3 | 3920371 | 8.75E-08 | 5YrCancerI | 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 |
| 448 | ALL | 275664.3 | 3920371 | 8.82E-08 | 5YrCancerI | 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 |
| 449 | ALL | 275684.3 | 3920371 | 8.88E-08 | 5YrCancerI | 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 |
| 450 | ALL | 275704.3 | 3920371 | 8.95E-08 | 5YrCancerI | 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 |
| 451 | ALL | 275724.3 | 3920371 | 9.02E-08 | 5YrCancerI | 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 |
| 452 | ALL | 275744.3 | 3920371 | 9.10E-08 | 5YrCancerI | 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 |
| 453 | ALL | 275764.3 | 3920371 | 9.17E-08 | 5YrCancerI | 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 |
| 454 | ALL | 275784.3 | 3920371 | 9.24E-08 | 5YrCancerI | 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 |
| 455 | ALL | 275804.3 | 3920371 | 9.32E-08 | 5YrCancerI | 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 |
| 456 | ALL | 275824.3 | 3920371 | 9.40E-08 | 5YrCancerI | 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 |
| 457 | ALL | 275844.3 | 3920371 | 9.48E-08 | 5YrCancerI | 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 |
| 458 | ALL | 275964.3 | 3920371 | 1.00E-07 | 5YrCancerI | 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 |
| 459 | ALL | 275984.3 | 3920371 | 1.01E-07 | 5YrCancerI | 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 |
| 460 | ALL | 276004.3 | 3920371 | 1.02E-07 | 5YrCancerI | 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 |
| 461 | ALL | 276164.3 | 3920371 | 1.11E-07 | 5YrCancerI | 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 |
| 462 | ALL | 276184.3 | 3920371 | 1.12E-07 | 5YrCancerI | 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 |
| 463 | ALL | 276204.3 | 3920371 | 1.13E-07 | 5YrCancerI | 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 |
| 464 | ALL | 276224.3 | 3920371 | 1.14E-07 | 5YrCancerI | 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 |
| 465 | ALL | 276244.3 | 3920371 | 1.16E-07 | 5YrCancerI | 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 |
| 466 | ALL | 276264.3 | 3920371 | 1.17E-07 | 5YrCancerI | 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 |
| 467 | ALL | 276284.3 | 3920371 | 1.18E-07 | 5YrCancerI | 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 |
| 468 | ALL | 276304.3 | 3920371 | 1.20E-07 | 5YrCancerI | 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 |
| 469 | ALL | 276324.3 | 3920371 | 1.21E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 470 | ALL | 276344.3 | 3920371 | 1.23E-07 | 5YrCancerI | 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 |
| 471 | ALL | 276364.3 | 3920371 | 1.25E-07 | 5YrCancerI | 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 |
| 472 | ALL | 276384.3 | 3920371 | 1.26E-07 | 5YrCancerI | 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 |
| 473 | ALL | 276404.3 | 3920371 | 1.28E-07 | 5YrCancerI | 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 |
| 474 | ALL | 276424.3 | 3920371 | 1.30E-07 | 5YrCancerI | 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 |
| 475 | ALL | 276444.3 | 3920371 | 1.32E-07 | 5YrCancerI | 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 |
| 476 | ALL | 276464.3 | 3920371 | 1.34E-07 | 5YrCancerI | 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 |
| 477 | ALL | 276484.3 | 3920371 | 1.36E-07 | 5YrCancerI | 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 |
| 478 | ALL | 276504.3 | 3920371 | 1.38E-07 | 5YrCancerI | 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 |
| 479 | ALL | 275144.3 | 3920391 | 7.45E-08 | 5YrCancerI | 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 |
| 480 | ALL | 275164.3 | 3920391 | 7.50E-08 | 5YrCancerI | 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 |
| 481 | ALL | 275184.3 | 3920391 | 7.54E-08 | 5YrCancerI | 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 |
| 482 | ALL | 275204.3 | 3920391 | 7.59E-08 | 5YrCancerI | 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 |
| 483 | ALL | 275224.3 | 3920391 | 7.64E-08 | 5YrCancerI | 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 |
| 484 | ALL | 275244.3 | 3920391 | 7.69E-08 | 5YrCancerI | 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 |
| 485 | ALL | 275264.3 | 3920391 | 7.74E-08 | 5YrCancerI | 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 |
| 486 | ALL | 275284.3 | 3920391 | 7.80E-08 | 5YrCancerI | 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 |
| 487 | ALL | 275304.3 | 3920391 | 7.85E-08 | 5YrCancerI | 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 |
| 488 | ALL | 275324.3 | 3920391 | 7.90E-08 | 5YrCancerI | 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 |
| 489 | ALL | 275344.3 | 3920391 | 7.95E-08 | 5YrCancerI | 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 |
| 490 | ALL | 275364.3 | 3920391 | 8.00E-08 | 5YrCancerI | 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 |
| 491 | ALL | 275384.3 | 3920391 | 8.05E-08 | 5YrCancerI | 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 |
| 492 | ALL | 275404.3 | 3920391 | 8.11E-08 | 5YrCancerI | 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 |
| 493 | ALL | 275424.3 | 3920391 | 8.16E-08 | 5YrCancerI | 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 |
| 494 | ALL | 275444.3 | 3920391 | 8.22E-08 | 5YrCancerI | 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 |
| 495 | ALL | 275464.3 | 3920391 | 8.27E-08 | 5YrCancerI | 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 |
| 496 | ALL | 275484.3 | 3920391 | 8.33E-08 | 5YrCancerI | 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 |
| 497 | ALL | 275504.3 | 3920391 | 8.38E-08 | 5YrCancerI | 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 |
| 498 | ALL | 275524.3 | 3920391 | 8.44E-08 | 5YrCancerI | 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 |
| 499 | ALL | 275544.3 | 3920391 | 8.50E-08 | 5YrCancerI | 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 |
| 500 | ALL | 275564.3 | 3920391 | 8.56E-08 | 5YrCancerI | 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 |
| 501 | ALL | 275584.3 | 3920391 | 8.62E-08 | 5YrCancerI | 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 |
| 502 | ALL | 275604.3 | 3920391 | 8.68E-08 | 5YrCancerI | 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 |
| 503 | ALL | 275624.3 | 3920391 | 8.74E-08 | 5YrCancerI | 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 |
| 504 | ALL | 275644.3 | 3920391 | 8.81E-08 | 5YrCancerI | 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 |
| 505 | ALL | 275664.3 | 3920391 | 8.88E-08 | 5YrCancerI | 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 |
| 506 | ALL | 275684.3 | 3920391 | 8.94E-08 | 5YrCancerI | 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 |
| 507 | ALL | 275704.3 | 3920391 | 9.01E-08 | 5YrCancerI | 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 |
| 508 | ALL | 275724.3 | 3920391 | 9.08E-08 | 5YrCancerI | 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 |
| 509 | ALL | 275744.3 | 3920391 | 9.16E-08 | 5YrCancerI | 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 |
| 510 | ALL | 275764.3 | 3920391 | 9.23E-08 | 5YrCancerI | 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 |
| 511 | ALL | 275784.3 | 3920391 | 9.31E-08 | 5YrCancerI | 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 |
| 512 | ALL | 275804.3 | 3920391 | 9.39E-08 | 5YrCancerI | 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 |
| 513 | ALL | 275824.3 | 3920391 | 9.47E-08 | 5YrCancerI | 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 |
| 514 | ALL | 276164.3 | 3920391 | 1.12E-07 | 5YrCancerI | 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 |
| 515 | ALL | 276184.3 | 3920391 | 1.13E-07 | 5YrCancerI | 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 |
| 516 | ALL | 276204.3 | 3920391 | 1.14E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 517 | ALL | 276224.3 | 3920391 | 1.15E-07 | 5YrCancerI | 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 |
| 518 | ALL | 276244.3 | 3920391 | 1.17E-07 | 5YrCancerI | 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 |
| 519 | ALL | 276264.3 | 3920391 | 1.18E-07 | 5YrCancerI | 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 |
| 520 | ALL | 276284.3 | 3920391 | 1.20E-07 | 5YrCancerI | 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 |
| 521 | ALL | 276304.3 | 3920391 | 1.21E-07 | 5YrCancerI | 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 |
| 522 | ALL | 276324.3 | 3920391 | 1.23E-07 | 5YrCancerI | 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 |
| 523 | ALL | 276344.3 | 3920391 | 1.24E-07 | 5YrCancerI | 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 |
| 524 | ALL | 276364.3 | 3920391 | 1.26E-07 | 5YrCancerI | 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 |
| 525 | ALL | 276384.3 | 3920391 | 1.28E-07 | 5YrCancerI | 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 |
| 526 | ALL | 276404.3 | 3920391 | 1.30E-07 | 5YrCancerI | 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 |
| 527 | ALL | 276424.3 | 3920391 | 1.32E-07 | 5YrCancerI | 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 |
| 528 | ALL | 276444.3 | 3920391 | 1.34E-07 | 5YrCancerI | 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 |
| 529 | ALL | 276464.3 | 3920391 | 1.36E-07 | 5YrCancerI | 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 |
| 530 | ALL | 276484.3 | 3920391 | 1.38E-07 | 5YrCancerI | 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 |
| 531 | ALL | 276504.3 | 3920391 | 1.40E-07 | 5YrCancerI | 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 |
| 532 | ALL | 275144.3 | 3920411 | 7.48E-08 | 5YrCancerI | 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 |
| 533 | ALL | 275164.3 | 3920411 | 7.53E-08 | 5YrCancerI | 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 |
| 534 | ALL | 275184.3 | 3920411 | 7.58E-08 | 5YrCancerI | 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 |
| 535 | ALL | 275204.3 | 3920411 | 7.63E-08 | 5YrCancerI | 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 |
| 536 | ALL | 275224.3 | 3920411 | 7.68E-08 | 5YrCancerI | 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 |
| 537 | ALL | 275244.3 | 3920411 | 7.74E-08 | 5YrCancerI | 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 |
| 538 | ALL | 275264.3 | 3920411 | 7.79E-08 | 5YrCancerI | 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 |
| 539 | ALL | 275284.3 | 3920411 | 7.84E-08 | 5YrCancerI | 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 |
| 540 | ALL | 275304.3 | 3920411 | 7.89E-08 | 5YrCancerI | 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 |
| 541 | ALL | 275324.3 | 3920411 | 7.94E-08 | 5YrCancerI | 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 |
| 542 | ALL | 275344.3 | 3920411 | 8.00E-08 | 5YrCancerI | 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 |
| 543 | ALL | 275364.3 | 3920411 | 8.05E-08 | 5YrCancerI | 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 |
| 544 | ALL | 275384.3 | 3920411 | 8.10E-08 | 5YrCancerI | 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 |
| 545 | ALL | 275404.3 | 3920411 | 8.16E-08 | 5YrCancerI | 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 |
| 546 | ALL | 275424.3 | 3920411 | 8.21E-08 | 5YrCancerI | 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 |
| 547 | ALL | 275444.3 | 3920411 | 8.26E-08 | 5YrCancerI | 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 |
| 548 | ALL | 275464.3 | 3920411 | 8.32E-08 | 5YrCancerI | 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 |
| 549 | ALL | 275484.3 | 3920411 | 8.38E-08 | 5YrCancerI | 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 |
| 550 | ALL | 275504.3 | 3920411 | 8.43E-08 | 5YrCancerI | 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 |
| 551 | ALL | 275524.3 | 3920411 | 8.49E-08 | 5YrCancerI | 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 |
| 552 | ALL | 275544.3 | 3920411 | 8.55E-08 | 5YrCancerI | 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 |
| 553 | ALL | 275564.3 | 3920411 | 8.61E-08 | 5YrCancerI | 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 |
| 554 | ALL | 275584.3 | 3920411 | 8.67E-08 | 5YrCancerI | 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 |
| 555 | ALL | 275604.3 | 3920411 | 8.74E-08 | 5YrCancerI | 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 |
| 556 | ALL | 275624.3 | 3920411 | 8.80E-08 | 5YrCancerI | 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 |
| 557 | ALL | 275644.3 | 3920411 | 8.87E-08 | 5YrCancerI | 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 |
| 558 | ALL | 275664.3 | 3920411 | 8.93E-08 | 5YrCancerI | 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 |
| 559 | ALL | 275684.3 | 3920411 | 9.00E-08 | 5YrCancerI | 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 |
| 560 | ALL | 275704.3 | 3920411 | 9.07E-08 | 5YrCancerI | 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 |
| 561 | ALL | 275724.3 | 3920411 | 9.15E-08 | 5YrCancerI | 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 |
| 562 | ALL | 275744.3 | 3920411 | 9.22E-08 | 5YrCancerI | 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 |
| 563 | ALL | 275764.3 | 3920411 | 9.30E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 564 | ALL | 275784.3 | 3920411 | 9.37E-08 | 5YrCancerI | 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 |
| 565 | ALL | 276164.3 | 3920411 | 1.13E-07 | 5YrCancerI | 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 |
| 566 | ALL | 276184.3 | 3920411 | 1.14E-07 | 5YrCancerI | 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 |
| 567 | ALL | 276204.3 | 3920411 | 1.15E-07 | 5YrCancerI | 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 |
| 568 | ALL | 276224.3 | 3920411 | 1.17E-07 | 5YrCancerI | 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 |
| 569 | ALL | 276244.3 | 3920411 | 1.18E-07 | 5YrCancerI | 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 |
| 570 | ALL | 276264.3 | 3920411 | 1.20E-07 | 5YrCancerI | 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 |
| 571 | ALL | 276284.3 | 3920411 | 1.21E-07 | 5YrCancerI | 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 |
| 572 | ALL | 276304.3 | 3920411 | 1.23E-07 | 5YrCancerI | 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 |
| 573 | ALL | 276324.3 | 3920411 | 1.24E-07 | 5YrCancerI | 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 |
| 574 | ALL | 276344.3 | 3920411 | 1.26E-07 | 5YrCancerI | 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 |
| 575 | ALL | 276364.3 | 3920411 | 1.28E-07 | 5YrCancerI | 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 |
| 576 | ALL | 276384.3 | 3920411 | 1.30E-07 | 5YrCancerI | 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 |
| 577 | ALL | 276404.3 | 3920411 | 1.31E-07 | 5YrCancerI | 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 |
| 578 | ALL | 276424.3 | 3920411 | 1.33E-07 | 5YrCancerI | 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 |
| 579 | ALL | 276444.3 | 3920411 | 1.35E-07 | 5YrCancerI | 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 |
| 580 | ALL | 276464.3 | 3920411 | 1.38E-07 | 5YrCancerI | 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 |
| 581 | ALL | 276484.3 | 3920411 | 1.40E-07 | 5YrCancerI | 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 |
| 582 | ALL | 276504.3 | 3920411 | 1.42E-07 | 5YrCancerI | 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 |
| 583 | ALL | 275164.3 | 3920431 | 7.57E-08 | 5YrCancerI | 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 |
| 584 | ALL | 275184.3 | 3920431 | 7.62E-08 | 5YrCancerI | 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 |
| 585 | ALL | 275204.3 | 3920431 | 7.68E-08 | 5YrCancerI | 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 |
| 586 | ALL | 275224.3 | 3920431 | 7.73E-08 | 5YrCancerI | 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 |
| 587 | ALL | 275244.3 | 3920431 | 7.78E-08 | 5YrCancerI | 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 |
| 588 | ALL | 275264.3 | 3920431 | 7.83E-08 | 5YrCancerI | 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 |
| 589 | ALL | 275284.3 | 3920431 | 7.88E-08 | 5YrCancerI | 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 |
| 590 | ALL | 275304.3 | 3920431 | 7.93E-08 | 5YrCancerI | 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 |
| 591 | ALL | 275324.3 | 3920431 | 7.99E-08 | 5YrCancerI | 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 |
| 592 | ALL | 275344.3 | 3920431 | 8.04E-08 | 5YrCancerI | 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 |
| 593 | ALL | 275364.3 | 3920431 | 8.10E-08 | 5YrCancerI | 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 |
| 594 | ALL | 275384.3 | 3920431 | 8.15E-08 | 5YrCancerI | 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 |
| 595 | ALL | 275404.3 | 3920431 | 8.20E-08 | 5YrCancerI | 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 |
| 596 | ALL | 275424.3 | 3920431 | 8.26E-08 | 5YrCancerI | 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 |
| 597 | ALL | 275444.3 | 3920431 | 8.31E-08 | 5YrCancerI | 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 |
| 598 | ALL | 275464.3 | 3920431 | 8.37E-08 | 5YrCancerI | 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 |
| 599 | ALL | 275484.3 | 3920431 | 8.43E-08 | 5YrCancerI | 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 |
| 600 | ALL | 275504.3 | 3920431 | 8.49E-08 | 5YrCancerI | 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 |
| 601 | ALL | 275524.3 | 3920431 | 8.54E-08 | 5YrCancerI | 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 |
| 602 | ALL | 275544.3 | 3920431 | 8.61E-08 | 5YrCancerI | 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 |
| 603 | ALL | 275564.3 | 3920431 | 8.67E-08 | 5YrCancerI | 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 |
| 604 | ALL | 275584.3 | 3920431 | 8.73E-08 | 5YrCancerI | 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 |
| 605 | ALL | 275604.3 | 3920431 | 8.79E-08 | 5YrCancerI | 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 |
| 606 | ALL | 275624.3 | 3920431 | 8.86E-08 | 5YrCancerI | 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 |
| 607 | ALL | 275644.3 | 3920431 | 8.93E-08 | 5YrCancerI | 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 |
| 608 | ALL | 275664.3 | 3920431 | 8.99E-08 | 5YrCancerI | 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 |
| 609 | ALL | 275684.3 | 3920431 | 9.06E-08 | 5YrCancerI | 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 |
| 610 | ALL | 275704.3 | 3920431 | 9.14E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 611 | ALL | 275724.3 | 3920431 | 9.21E-08 | 5YrCancerI | 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 |
| 612 | ALL | 275744.3 | 3920431 | 9.29E-08 | 5YrCancerI | 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 |
| 613 | ALL | 276164.3 | 3920431 | 1.14E-07 | 5YrCancerI | 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 |
| 614 | ALL | 276184.3 | 3920431 | 1.15E-07 | 5YrCancerI | 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 |
| 615 | ALL | 276204.3 | 3920431 | 1.16E-07 | 5YrCancerI | 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 |
| 616 | ALL | 276224.3 | 3920431 | 1.18E-07 | 5YrCancerI | 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 |
| 617 | ALL | 276244.3 | 3920431 | 1.19E-07 | 5YrCancerI | 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 |
| 618 | ALL | 276264.3 | 3920431 | 1.21E-07 | 5YrCancerI | 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 |
| 619 | ALL | 276284.3 | 3920431 | 1.22E-07 | 5YrCancerI | 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 |
| 620 | ALL | 276304.3 | 3920431 | 1.24E-07 | 5YrCancerI | 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 |
| 621 | ALL | 276324.3 | 3920431 | 1.26E-07 | 5YrCancerI | 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 |
| 622 | ALL | 276344.3 | 3920431 | 1.27E-07 | 5YrCancerI | 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 |
| 623 | ALL | 276364.3 | 3920431 | 1.29E-07 | 5YrCancerI | 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 |
| 624 | ALL | 276384.3 | 3920431 | 1.31E-07 | 5YrCancerI | 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 |
| 625 | ALL | 276404.3 | 3920431 | 1.33E-07 | 5YrCancerI | 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 |
| 626 | ALL | 276424.3 | 3920431 | 1.35E-07 | 5YrCancerI | 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 |
| 627 | ALL | 276444.3 | 3920431 | 1.37E-07 | 5YrCancerI | 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 |
| 628 | ALL | 276464.3 | 3920431 | 1.40E-07 | 5YrCancerI | 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 |
| 629 | ALL | 276484.3 | 3920431 | 1.42E-07 | 5YrCancerI | 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 |
| 630 | ALL | 276504.3 | 3920431 | 1.45E-07 | 5YrCancerI | 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 |
| 631 | ALL | 275164.3 | 3920451 | 7.61E-08 | 5YrCancerI | 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 |
| 632 | ALL | 275184.3 | 3920451 | 7.66E-08 | 5YrCancerI | 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 |
| 633 | ALL | 275204.3 | 3920451 | 7.72E-08 | 5YrCancerI | 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 |
| 634 | ALL | 275224.3 | 3920451 | 7.77E-08 | 5YrCancerI | 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 |
| 635 | ALL | 275244.3 | 3920451 | 7.82E-08 | 5YrCancerI | 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 |
| 636 | ALL | 275264.3 | 3920451 | 7.87E-08 | 5YrCancerI | 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 |
| 637 | ALL | 275284.3 | 3920451 | 7.93E-08 | 5YrCancerI | 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 |
| 638 | ALL | 275304.3 | 3920451 | 7.98E-08 | 5YrCancerI | 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 |
| 639 | ALL | 275324.3 | 3920451 | 8.03E-08 | 5YrCancerI | 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 |
| 640 | ALL | 275344.3 | 3920451 | 8.09E-08 | 5YrCancerI | 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 |
| 641 | ALL | 275364.3 | 3920451 | 8.14E-08 | 5YrCancerI | 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 |
| 642 | ALL | 275384.3 | 3920451 | 8.20E-08 | 5YrCancerI | 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 |
| 643 | ALL | 275404.3 | 3920451 | 8.25E-08 | 5YrCancerI | 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 |
| 644 | ALL | 275424.3 | 3920451 | 8.31E-08 | 5YrCancerI | 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 |
| 645 | ALL | 275444.3 | 3920451 | 8.36E-08 | 5YrCancerI | 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 |
| 646 | ALL | 275464.3 | 3920451 | 8.42E-08 | 5YrCancerI | 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 |
| 647 | ALL | 275484.3 | 3920451 | 8.48E-08 | 5YrCancerI | 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 |
| 648 | ALL | 275504.3 | 3920451 | 8.54E-08 | 5YrCancerI | 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 |
| 649 | ALL | 275524.3 | 3920451 | 8.60E-08 | 5YrCancerI | 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 |
| 650 | ALL | 275544.3 | 3920451 | 8.66E-08 | 5YrCancerI | 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 |
| 651 | ALL | 275564.3 | 3920451 | 8.72E-08 | 5YrCancerI | 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 |
| 652 | ALL | 275584.3 | 3920451 | 8.79E-08 | 5YrCancerI | 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 |
| 653 | ALL | 275604.3 | 3920451 | 8.85E-08 | 5YrCancerI | 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 |
| 654 | ALL | 275624.3 | 3920451 | 8.92E-08 | 5YrCancerI | 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 |
| 655 | ALL | 275644.3 | 3920451 | 8.98E-08 | 5YrCancerI | 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 |
| 656 | ALL | 275664.3 | 3920451 | 9.05E-08 | 5YrCancerI | 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 |
| 657 | ALL | 275684.3 | 3920451 | 9.13E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 658 | ALL | 275704.3 | 3920451 | 9.20E-08 | 5YrCancerI | 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 |
| 659 | ALL | 276164.3 | 3920451 | 1.15E-07 | 5YrCancerI | 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 |
| 660 | ALL | 276184.3 | 3920451 | 1.16E-07 | 5YrCancerI | 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 |
| 661 | ALL | 276204.3 | 3920451 | 1.18E-07 | 5YrCancerI | 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 |
| 662 | ALL | 276224.3 | 3920451 | 1.19E-07 | 5YrCancerI | 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 |
| 663 | ALL | 276244.3 | 3920451 | 1.21E-07 | 5YrCancerI | 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 |
| 664 | ALL | 276264.3 | 3920451 | 1.22E-07 | 5YrCancerI | 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 |
| 665 | ALL | 276284.3 | 3920451 | 1.24E-07 | 5YrCancerI | 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 |
| 666 | ALL | 276304.3 | 3920451 | 1.26E-07 | 5YrCancerI | 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 |
| 667 | ALL | 276324.3 | 3920451 | 1.27E-07 | 5YrCancerI | 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 |
| 668 | ALL | 276344.3 | 3920451 | 1.29E-07 | 5YrCancerI | 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 |
| 669 | ALL | 276364.3 | 3920451 | 1.31E-07 | 5YrCancerI | 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 |
| 670 | ALL | 276384.3 | 3920451 | 1.33E-07 | 5YrCancerI | 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 |
| 671 | ALL | 276404.3 | 3920451 | 1.35E-07 | 5YrCancerI | 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 |
| 672 | ALL | 276424.3 | 3920451 | 1.37E-07 | 5YrCancerI | 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 |
| 673 | ALL | 276444.3 | 3920451 | 1.39E-07 | 5YrCancerI | 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 |
| 674 | ALL | 276464.3 | 3920451 | 1.42E-07 | 5YrCancerI | 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 |
| 675 | ALL | 276484.3 | 3920451 | 1.44E-07 | 5YrCancerI | 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 |
| 676 | ALL | 276504.3 | 3920451 | 1.47E-07 | 5YrCancerI | 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 |
| 677 | ALL | 275184.3 | 3920471 | 7.71E-08 | 5YrCancerI | 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 |
| 678 | ALL | 275204.3 | 3920471 | 7.76E-08 | 5YrCancerI | 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 |
| 679 | ALL | 275224.3 | 3920471 | 7.81E-08 | 5YrCancerI | 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 |
| 680 | ALL | 275244.3 | 3920471 | 7.86E-08 | 5YrCancerI | 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 |
| 681 | ALL | 275264.3 | 3920471 | 7.92E-08 | 5YrCancerI | 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 |
| 682 | ALL | 275284.3 | 3920471 | 7.97E-08 | 5YrCancerI | 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 |
| 683 | ALL | 275304.3 | 3920471 | 8.03E-08 | 5YrCancerI | 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 |
| 684 | ALL | 275324.3 | 3920471 | 8.08E-08 | 5YrCancerI | 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 |
| 685 | ALL | 275344.3 | 3920471 | 8.14E-08 | 5YrCancerI | 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 |
| 686 | ALL | 275364.3 | 3920471 | 8.19E-08 | 5YrCancerI | 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 |
| 687 | ALL | 275384.3 | 3920471 | 8.25E-08 | 5YrCancerI | 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 |
| 688 | ALL | 275404.3 | 3920471 | 8.30E-08 | 5YrCancerI | 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 |
| 689 | ALL | 275424.3 | 3920471 | 8.36E-08 | 5YrCancerI | 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 |
| 690 | ALL | 275444.3 | 3920471 | 8.42E-08 | 5YrCancerI | 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 |
| 691 | ALL | 275464.3 | 3920471 | 8.47E-08 | 5YrCancerI | 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 |
| 692 | ALL | 275484.3 | 3920471 | 8.53E-08 | 5YrCancerI | 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 |
| 693 | ALL | 275504.3 | 3920471 | 8.59E-08 | 5YrCancerI | 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 |
| 694 | ALL | 275524.3 | 3920471 | 8.65E-08 | 5YrCancerI | 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 |
| 695 | ALL | 275544.3 | 3920471 | 8.71E-08 | 5YrCancerI | 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 |
| 696 | ALL | 275564.3 | 3920471 | 8.78E-08 | 5YrCancerI | 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 |
| 697 | ALL | 275584.3 | 3920471 | 8.84E-08 | 5YrCancerI | 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 |
| 698 | ALL | 275604.3 | 3920471 | 8.91E-08 | 5YrCancerI | 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 |
| 699 | ALL | 275624.3 | 3920471 | 8.98E-08 | 5YrCancerI | 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 |
| 700 | ALL | 275644.3 | 3920471 | 9.04E-08 | 5YrCancerI | 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 |
| 701 | ALL | 276164.3 | 3920471 | 1.16E-07 | 5YrCancerI | 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 |
| 702 | ALL | 276184.3 | 3920471 | 1.17E-07 | 5YrCancerI | 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 |
| 703 | ALL | 276204.3 | 3920471 | 1.19E-07 | 5YrCancerI | 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 |
| 704 | ALL | 276224.3 | 3920471 | 1.20E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 705 | ALL | 276244.3 | 3920471 | 1.22E-07 | 5YrCancerI | 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 |
| 706 | ALL | 276264.3 | 3920471 | 1.24E-07 | 5YrCancerI | 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 |
| 707 | ALL | 276284.3 | 3920471 | 1.25E-07 | 5YrCancerI | 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 |
| 708 | ALL | 276304.3 | 3920471 | 1.27E-07 | 5YrCancerI | 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 |
| 709 | ALL | 276324.3 | 3920471 | 1.29E-07 | 5YrCancerI | 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 |
| 710 | ALL | 276344.3 | 3920471 | 1.31E-07 | 5YrCancerI | 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 |
| 711 | ALL | 276364.3 | 3920471 | 1.33E-07 | 5YrCancerI | 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 |
| 712 | ALL | 276384.3 | 3920471 | 1.35E-07 | 5YrCancerI | 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 |
| 713 | ALL | 276404.3 | 3920471 | 1.37E-07 | 5YrCancerI | 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 |
| 714 | ALL | 276424.3 | 3920471 | 1.39E-07 | 5YrCancerI | 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 |
| 715 | ALL | 276444.3 | 3920471 | 1.42E-07 | 5YrCancerI | 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 |
| 716 | ALL | 276464.3 | 3920471 | 1.44E-07 | 5YrCancerI | 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 |
| 717 | ALL | 276484.3 | 3920471 | 1.47E-07 | 5YrCancerI | 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 |
| 718 | ALL | 276504.3 | 3920471 | 1.49E-07 | 5YrCancerI | 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 |
| 719 | ALL | 275184.3 | 3920491 | 7.75E-08 | 5YrCancerI | 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 |
| 720 | ALL | 275204.3 | 3920491 | 7.80E-08 | 5YrCancerI | 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 |
| 721 | ALL | 275224.3 | 3920491 | 7.85E-08 | 5YrCancerI | 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 |
| 722 | ALL | 275244.3 | 3920491 | 7.91E-08 | 5YrCancerI | 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 |
| 723 | ALL | 275264.3 | 3920491 | 7.96E-08 | 5YrCancerI | 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 |
| 724 | ALL | 275284.3 | 3920491 | 8.02E-08 | 5YrCancerI | 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 |
| 725 | ALL | 275304.3 | 3920491 | 8.07E-08 | 5YrCancerI | 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 |
| 726 | ALL | 275324.3 | 3920491 | 8.13E-08 | 5YrCancerI | 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 |
| 727 | ALL | 275344.3 | 3920491 | 8.18E-08 | 5YrCancerI | 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 |
| 728 | ALL | 275364.3 | 3920491 | 8.24E-08 | 5YrCancerI | 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 |
| 729 | ALL | 275384.3 | 3920491 | 8.30E-08 | 5YrCancerI | 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 |
| 730 | ALL | 275404.3 | 3920491 | 8.35E-08 | 5YrCancerI | 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 |
| 731 | ALL | 275424.3 | 3920491 | 8.41E-08 | 5YrCancerI | 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 |
| 732 | ALL | 275444.3 | 3920491 | 8.47E-08 | 5YrCancerI | 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 |
| 733 | ALL | 275464.3 | 3920491 | 8.53E-08 | 5YrCancerI | 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 |
| 734 | ALL | 275484.3 | 3920491 | 8.59E-08 | 5YrCancerI | 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 |
| 735 | ALL | 275504.3 | 3920491 | 8.65E-08 | 5YrCancerI | 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 |
| 736 | ALL | 275524.3 | 3920491 | 8.71E-08 | 5YrCancerI | 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 |
| 737 | ALL | 275544.3 | 3920491 | 8.77E-08 | 5YrCancerI | 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 |
| 738 | ALL | 275564.3 | 3920491 | 8.84E-08 | 5YrCancerI | 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 |
| 739 | ALL | 275584.3 | 3920491 | 8.90E-08 | 5YrCancerI | 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 |
| 740 | ALL | 276164.3 | 3920491 | 1.17E-07 | 5YrCancerI | 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 |
| 741 | ALL | 276184.3 | 3920491 | 1.19E-07 | 5YrCancerI | 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 |
| 742 | ALL | 276204.3 | 3920491 | 1.20E-07 | 5YrCancerI | 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 |
| 743 | ALL | 276224.3 | 3920491 | 1.22E-07 | 5YrCancerI | 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 |
| 744 | ALL | 276244.3 | 3920491 | 1.23E-07 | 5YrCancerI | 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 |
| 745 | ALL | 276264.3 | 3920491 | 1.25E-07 | 5YrCancerI | 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 |
| 746 | ALL | 276284.3 | 3920491 | 1.27E-07 | 5YrCancerI | 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 |
| 747 | ALL | 276304.3 | 3920491 | 1.29E-07 | 5YrCancerI | 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 |
| 748 | ALL | 276324.3 | 3920491 | 1.30E-07 | 5YrCancerI | 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 |
| 749 | ALL | 276344.3 | 3920491 | 1.32E-07 | 5YrCancerI | 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 |
| 750 | ALL | 276364.3 | 3920491 | 1.35E-07 | 5YrCancerI | 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 |
| 751 | ALL | 276384.3 | 3920491 | 1.37E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 752 | ALL | 276404.3 | 3920491 | 1.39E-07 | 5YrCancerI | 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 |
| 753 | ALL | 276424.3 | 3920491 | 1.41E-07 | 5YrCancerI | 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 |
| 754 | ALL | 276444.3 | 3920491 | 1.44E-07 | 5YrCancerI | 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 |
| 755 | ALL | 276464.3 | 3920491 | 1.46E-07 | 5YrCancerI | 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 |
| 756 | ALL | 276484.3 | 3920491 | 1.49E-07 | 5YrCancerI | 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 |
| 757 | ALL | 276504.3 | 3920491 | 1.52E-07 | 5YrCancerI | 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 |
| 758 | ALL | 275204.3 | 3920511 | 7.84E-08 | 5YrCancerI | 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 |
| 759 | ALL | 275224.3 | 3920511 | 7.90E-08 | 5YrCancerI | 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 |
| 760 | ALL | 275244.3 | 3920511 | 7.95E-08 | 5YrCancerI | 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 |
| 761 | ALL | 275264.3 | 3920511 | 8.01E-08 | 5YrCancerI | 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 |
| 762 | ALL | 275284.3 | 3920511 | 8.06E-08 | 5YrCancerI | 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 |
| 763 | ALL | 275304.3 | 3920511 | 8.12E-08 | 5YrCancerI | 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 |
| 764 | ALL | 275324.3 | 3920511 | 8.17E-08 | 5YrCancerI | 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 |
| 765 | ALL | 275344.3 | 3920511 | 8.23E-08 | 5YrCancerI | 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 |
| 766 | ALL | 275364.3 | 3920511 | 8.29E-08 | 5YrCancerI | 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 |
| 767 | ALL | 275384.3 | 3920511 | 8.35E-08 | 5YrCancerI | 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 |
| 768 | ALL | 275404.3 | 3920511 | 8.40E-08 | 5YrCancerI | 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 |
| 769 | ALL | 275424.3 | 3920511 | 8.46E-08 | 5YrCancerI | 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 |
| 770 | ALL | 275444.3 | 3920511 | 8.52E-08 | 5YrCancerI | 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 |
| 771 | ALL | 275464.3 | 3920511 | 8.58E-08 | 5YrCancerI | 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 |
| 772 | ALL | 275484.3 | 3920511 | 8.64E-08 | 5YrCancerI | 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 |
| 773 | ALL | 275504.3 | 3920511 | 8.70E-08 | 5YrCancerI | 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 |
| 774 | ALL | 275524.3 | 3920511 | 8.76E-08 | 5YrCancerI | 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 |
| 775 | ALL | 276164.3 | 3920511 | 1.18E-07 | 5YrCancerI | 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 |
| 776 | ALL | 276184.3 | 3920511 | 1.20E-07 | 5YrCancerI | 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 |
| 777 | ALL | 276204.3 | 3920511 | 1.21E-07 | 5YrCancerI | 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 |
| 778 | ALL | 276224.3 | 3920511 | 1.23E-07 | 5YrCancerI | 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 |
| 779 | ALL | 276244.3 | 3920511 | 1.25E-07 | 5YrCancerI | 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 |
| 780 | ALL | 276264.3 | 3920511 | 1.26E-07 | 5YrCancerI | 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 |
| 781 | ALL | 276284.3 | 3920511 | 1.28E-07 | 5YrCancerI | 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 |
| 782 | ALL | 276304.3 | 3920511 | 1.30E-07 | 5YrCancerI | 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 |
| 783 | ALL | 276324.3 | 3920511 | 1.32E-07 | 5YrCancerI | 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 |
| 784 | ALL | 276344.3 | 3920511 | 1.34E-07 | 5YrCancerI | 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 |
| 785 | ALL | 276364.3 | 3920511 | 1.36E-07 | 5YrCancerI | 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 |
| 786 | ALL | 276384.3 | 3920511 | 1.39E-07 | 5YrCancerI | 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 |
| 787 | ALL | 276404.3 | 3920511 | 1.41E-07 | 5YrCancerI | 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 |
| 788 | ALL | 276424.3 | 3920511 | 1.44E-07 | 5YrCancerI | 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 |
| 789 | ALL | 276444.3 | 3920511 | 1.46E-07 | 5YrCancerI | 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 |
| 790 | ALL | 276464.3 | 3920511 | 1.49E-07 | 5YrCancerI | 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 |
| 791 | ALL | 276484.3 | 3920511 | 1.52E-07 | 5YrCancerI | 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 |
| 792 | ALL | 276504.3 | 3920511 | 1.55E-07 | 5YrCancerI | 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 |
| 793 | ALL | 275204.3 | 3920531 | 7.89E-08 | 5YrCancerI | 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 |
| 794 | ALL | 275224.3 | 3920531 | 7.94E-08 | 5YrCancerI | 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 |
| 795 | ALL | 275244.3 | 3920531 | 8.00E-08 | 5YrCancerI | 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 |
| 796 | ALL | 275264.3 | 3920531 | 8.05E-08 | 5YrCancerI | 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 |
| 797 | ALL | 275284.3 | 3920531 | 8.11E-08 | 5YrCancerI | 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 |
| 798 | ALL | 275304.3 | 3920531 | 8.17E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 799 | ALL | 275324.3 | 3920531 | 8.22E-08 | 5YrCancerI | 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 |
| 800 | ALL | 275344.3 | 3920531 | 8.28E-08 | 5YrCancerI | 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 |
| 801 | ALL | 275364.3 | 3920531 | 8.34E-08 | 5YrCancerI | 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 |
| 802 | ALL | 275384.3 | 3920531 | 8.40E-08 | 5YrCancerI | 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 |
| 803 | ALL | 275404.3 | 3920531 | 8.45E-08 | 5YrCancerI | 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 |
| 804 | ALL | 275424.3 | 3920531 | 8.51E-08 | 5YrCancerI | 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 |
| 805 | ALL | 275444.3 | 3920531 | 8.57E-08 | 5YrCancerI | 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 |
| 806 | ALL | 275464.3 | 3920531 | 8.63E-08 | 5YrCancerI | 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 |
| 807 | ALL | 276164.3 | 3920531 | 1.20E-07 | 5YrCancerI | 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 |
| 808 | ALL | 276184.3 | 3920531 | 1.21E-07 | 5YrCancerI | 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 |
| 809 | ALL | 276204.3 | 3920531 | 1.23E-07 | 5YrCancerI | 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 |
| 810 | ALL | 276224.3 | 3920531 | 1.24E-07 | 5YrCancerI | 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 |
| 811 | ALL | 276244.3 | 3920531 | 1.26E-07 | 5YrCancerI | 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 |
| 812 | ALL | 276264.3 | 3920531 | 1.28E-07 | 5YrCancerI | 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 |
| 813 | ALL | 276284.3 | 3920531 | 1.30E-07 | 5YrCancerI | 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 |
| 814 | ALL | 276304.3 | 3920531 | 1.32E-07 | 5YrCancerI | 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 |
| 815 | ALL | 276324.3 | 3920531 | 1.34E-07 | 5YrCancerI | 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 |
| 816 | ALL | 276344.3 | 3920531 | 1.36E-07 | 5YrCancerI | 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 |
| 817 | ALL | 276364.3 | 3920531 | 1.38E-07 | 5YrCancerI | 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 |
| 818 | ALL | 276384.3 | 3920531 | 1.41E-07 | 5YrCancerI | 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 |
| 819 | ALL | 276404.3 | 3920531 | 1.43E-07 | 5YrCancerI | 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 |
| 820 | ALL | 276424.3 | 3920531 | 1.46E-07 | 5YrCancerI | 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 |
| 821 | ALL | 276444.3 | 3920531 | 1.49E-07 | 5YrCancerI | 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 |
| 822 | ALL | 276464.3 | 3920531 | 1.52E-07 | 5YrCancerI | 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 |
| 823 | ALL | 276484.3 | 3920531 | 1.55E-07 | 5YrCancerI | 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 |
| 824 | ALL | 276504.3 | 3920531 | 1.58E-07 | 5YrCancerI | 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 |
| 825 | ALL | 275224.3 | 3920551 | 7.99E-08 | 5YrCancerI | 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 |
| 826 | ALL | 275244.3 | 3920551 | 8.04E-08 | 5YrCancerI | 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 |
| 827 | ALL | 275264.3 | 3920551 | 8.10E-08 | 5YrCancerI | 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 |
| 828 | ALL | 275284.3 | 3920551 | 8.16E-08 | 5YrCancerI | 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 |
| 829 | ALL | 275304.3 | 3920551 | 8.21E-08 | 5YrCancerI | 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 |
| 830 | ALL | 275324.3 | 3920551 | 8.27E-08 | 5YrCancerI | 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 |
| 831 | ALL | 275344.3 | 3920551 | 8.33E-08 | 5YrCancerI | 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 |
| 832 | ALL | 275364.3 | 3920551 | 8.39E-08 | 5YrCancerI | 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 |
| 833 | ALL | 275384.3 | 3920551 | 8.45E-08 | 5YrCancerI | 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 |
| 834 | ALL | 275404.3 | 3920551 | 8.51E-08 | 5YrCancerI | 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 |
| 835 | ALL | 275424.3 | 3920551 | 8.57E-08 | 5YrCancerI | 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 |
| 836 | ALL | 276164.3 | 3920551 | 1.21E-07 | 5YrCancerI | 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 |
| 837 | ALL | 276184.3 | 3920551 | 1.22E-07 | 5YrCancerI | 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 |
| 838 | ALL | 276204.3 | 3920551 | 1.24E-07 | 5YrCancerI | 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 |
| 839 | ALL | 276224.3 | 3920551 | 1.26E-07 | 5YrCancerI | 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 |
| 840 | ALL | 276244.3 | 3920551 | 1.28E-07 | 5YrCancerI | 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 |
| 841 | ALL | 276264.3 | 3920551 | 1.30E-07 | 5YrCancerI | 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 |
| 842 | ALL | 276284.3 | 3920551 | 1.32E-07 | 5YrCancerI | 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 |
| 843 | ALL | 276304.3 | 3920551 | 1.34E-07 | 5YrCancerI | 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 |
| 844 | ALL | 276324.3 | 3920551 | 1.36E-07 | 5YrCancerI | 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 |
| 845 | ALL | 276344.3 | 3920551 | 1.38E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 846 | ALL | 276364.3 | 3920551 | 1.40E-07 | 5YrCancerI | 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 |
| 847 | ALL | 276384.3 | 3920551 | 1.43E-07 | 5YrCancerI | 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 |
| 848 | ALL | 276404.3 | 3920551 | 1.46E-07 | 5YrCancerI | 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 |
| 849 | ALL | 276424.3 | 3920551 | 1.48E-07 | 5YrCancerI | 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 |
| 850 | ALL | 276444.3 | 3920551 | 1.51E-07 | 5YrCancerI | 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 |
| 851 | ALL | 276464.3 | 3920551 | 1.54E-07 | 5YrCancerI | 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 |
| 852 | ALL | 276484.3 | 3920551 | 1.58E-07 | 5YrCancerI | 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 |
| 853 | ALL | 276504.3 | 3920551 | 1.61E-07 | 5YrCancerI | 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 |
| 854 | ALL | 275224.3 | 3920571 | 8.03E-08 | 5YrCancerI | 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 |
| 855 | ALL | 275244.3 | 3920571 | 8.09E-08 | 5YrCancerI | 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 |
| 856 | ALL | 275264.3 | 3920571 | 8.14E-08 | 5YrCancerI | 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 |
| 857 | ALL | 275284.3 | 3920571 | 8.20E-08 | 5YrCancerI | 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 |
| 858 | ALL | 275304.3 | 3920571 | 8.26E-08 | 5YrCancerI | 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 |
| 859 | ALL | 275324.3 | 3920571 | 8.32E-08 | 5YrCancerI | 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 |
| 860 | ALL | 275344.3 | 3920571 | 8.38E-08 | 5YrCancerI | 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 |
| 861 | ALL | 275364.3 | 3920571 | 8.44E-08 | 5YrCancerI | 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 |
| 862 | ALL | 276164.3 | 3920571 | 1.22E-07 | 5YrCancerI | 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 |
| 863 | ALL | 276184.3 | 3920571 | 1.24E-07 | 5YrCancerI | 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 |
| 864 | ALL | 276204.3 | 3920571 | 1.25E-07 | 5YrCancerI | 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 |
| 865 | ALL | 276224.3 | 3920571 | 1.27E-07 | 5YrCancerI | 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 |
| 866 | ALL | 276244.3 | 3920571 | 1.29E-07 | 5YrCancerI | 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 |
| 867 | ALL | 276264.3 | 3920571 | 1.31E-07 | 5YrCancerI | 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 |
| 868 | ALL | 276284.3 | 3920571 | 1.33E-07 | 5YrCancerI | 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 |
| 869 | ALL | 276304.3 | 3920571 | 1.35E-07 | 5YrCancerI | 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 |
| 870 | ALL | 276324.3 | 3920571 | 1.38E-07 | 5YrCancerI | 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 |
| 871 | ALL | 276344.3 | 3920571 | 1.40E-07 | 5YrCancerI | 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 |
| 872 | ALL | 276364.3 | 3920571 | 1.43E-07 | 5YrCancerI | 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 |
| 873 | ALL | 276384.3 | 3920571 | 1.45E-07 | 5YrCancerI | 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 |
| 874 | ALL | 276404.3 | 3920571 | 1.48E-07 | 5YrCancerI | 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 |
| 875 | ALL | 276424.3 | 3920571 | 1.51E-07 | 5YrCancerI | 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 |
| 876 | ALL | 276444.3 | 3920571 | 1.54E-07 | 5YrCancerI | 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 |
| 877 | ALL | 276464.3 | 3920571 | 1.57E-07 | 5YrCancerI | 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 |
| 878 | ALL | 276484.3 | 3920571 | 1.61E-07 | 5YrCancerI | 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 |
| 879 | ALL | 276504.3 | 3920571 | 1.65E-07 | 5YrCancerI | 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 |
| 880 | ALL | 275264.3 | 3920591 | 8.19E-08 | 5YrCancerI | 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 |
| 881 | ALL | 275284.3 | 3920591 | 8.25E-08 | 5YrCancerI | 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 |
| 882 | ALL | 275304.3 | 3920591 | 8.31E-08 | 5YrCancerI | 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 |
| 883 | ALL | 276164.3 | 3920591 | 1.23E-07 | 5YrCancerI | 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 |
| 884 | ALL | 276184.3 | 3920591 | 1.25E-07 | 5YrCancerI | 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 |
| 885 | ALL | 276204.3 | 3920591 | 1.27E-07 | 5YrCancerI | 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 |
| 886 | ALL | 276224.3 | 3920591 | 1.29E-07 | 5YrCancerI | 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 |
| 887 | ALL | 276244.3 | 3920591 | 1.31E-07 | 5YrCancerI | 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 |
| 888 | ALL | 276264.3 | 3920591 | 1.33E-07 | 5YrCancerI | 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 |
| 889 | ALL | 276284.3 | 3920591 | 1.35E-07 | 5YrCancerI | 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 |
| 890 | ALL | 276304.3 | 3920591 | 1.37E-07 | 5YrCancerI | 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 |
| 891 | ALL | 276324.3 | 3920591 | 1.40E-07 | 5YrCancerI | 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 |
| 892 | ALL | 276344.3 | 3920591 | 1.42E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 893 | ALL | 276364.3 | 3920591 | 1.45E-07 | 5YrCancerI | 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 |
| 894 | ALL | 276384.3 | 3920591 | 1.48E-07 | 5YrCancerI | 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 |
| 895 | ALL | 276404.3 | 3920591 | 1.51E-07 | 5YrCancerI | 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 |
| 896 | ALL | 276424.3 | 3920591 | 1.54E-07 | 5YrCancerI | 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 |
| 897 | ALL | 276444.3 | 3920591 | 1.57E-07 | 5YrCancerI | 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 |
| 898 | ALL | 276464.3 | 3920591 | 1.61E-07 | 5YrCancerI | 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 |
| 899 | ALL | 276484.3 | 3920591 | 1.64E-07 | 5YrCancerI | 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 |
| 900 | ALL | 276504.3 | 3920591 | 1.68E-07 | 5YrCancerI | 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 |
| 901 | ALL | 276164.3 | 3920611 | 1.25E-07 | 5YrCancerI | 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 |
| 902 | ALL | 276184.3 | 3920611 | 1.27E-07 | 5YrCancerI | 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 |
| 903 | ALL | 276204.3 | 3920611 | 1.28E-07 | 5YrCancerI | 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 |
| 904 | ALL | 289218.4 | 3919732 | 9.19E-08 | 5YrCancerI | 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 |
| 905 | ALL | 289268.4 | 3919732 | 9.09E-08 | 5YrCancerI | 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 |
| 906 | ALL | 289318.4 | 3919732 | 8.98E-08 | 5YrCancerI | 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 |
| 907 | ALL | 289368.4 | 3919732 | 8.88E-08 | 5YrCancerI | 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 |
| 908 | ALL | 289418.4 | 3919732 | 8.78E-08 | 5YrCancerI | 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 |
| 909 | ALL | 289468.4 | 3919732 | 8.68E-08 | 5YrCancerI | 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 |
| 910 | ALL | 289518.4 | 3919732 | 8.58E-08 | 5YrCancerI | 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 |
| 911 | ALL | 289568.4 | 3919732 | 8.49E-08 | 5YrCancerI | 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 |
| 912 | ALL | 289618.4 | 3919732 | 8.39E-08 | 5YrCancerI | 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 |
| 913 | ALL | 289668.4 | 3919732 | 8.30E-08 | 5YrCancerI | 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 |
| 914 | ALL | 289718.4 | 3919732 | 8.20E-08 | 5YrCancerI | 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 |
| 915 | ALL | 289768.4 | 3919732 | 8.11E-08 | 5YrCancerI | 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 |
| 916 | ALL | 289818.4 | 3919732 | 8.02E-08 | 5YrCancerI | 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 |
| 917 | ALL | 289868.4 | 3919732 | 7.93E-08 | 5YrCancerI | 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 |
| 918 | ALL | 289918.4 | 3919732 | 7.84E-08 | 5YrCancerI | 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 |
| 919 | ALL | 289968.4 | 3919732 | 7.76E-08 | 5YrCancerI | 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 |
| 920 | ALL | 290018.4 | 3919732 | 7.66E-08 | 5YrCancerI | 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 |
| 921 | ALL | 290068.4 | 3919732 | 7.58E-08 | 5YrCancerI | 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 |
| 922 | ALL | 290118.4 | 3919732 | 7.50E-08 | 5YrCancerI | 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 |
| 923 | ALL | 290168.4 | 3919732 | 7.42E-08 | 5YrCancerI | 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 |
| 924 | ALL | 290218.4 | 3919732 | 7.35E-08 | 5YrCancerI | 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 |
| 925 | ALL | 290268.4 | 3919732 | 7.27E-08 | 5YrCancerI | 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 |
| 926 | ALL | 290318.4 | 3919732 | 7.19E-08 | 5YrCancerI | 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 |
| 927 | ALL | 290368.4 | 3919732 | 7.12E-08 | 5YrCancerI | 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 |
| 928 | ALL | 290418.4 | 3919732 | 7.04E-08 | 5YrCancerI | 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 |
| 929 | ALL | 290468.4 | 3919732 | 6.97E-08 | 5YrCancerI | 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 |
| 930 | ALL | 290518.4 | 3919732 | 6.90E-08 | 5YrCancerI | 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 |
| 931 | ALL | 290568.4 | 3919732 | 6.83E-08 | 5YrCancerI | 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 |
| 932 | ALL | 290618.4 | 3919732 | 6.76E-08 | 5YrCancerI | 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 |
| 933 | ALL | 289018.4 | 3919782 | 9.75E-08 | 5YrCancerI | 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 |
| 934 | ALL | 289068.4 | 3919782 | 9.63E-08 | 5YrCancerI | 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 | 289118.4 | 3919782 | 9.52E-08 | 5YrCancerI | 9.52E-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 |
| 936 | ALL | 289168.4 | 3919782 | 9.41E-08 | 5YrCancerI | 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 |
| 937 | ALL | 289218.4 | 3919782 | 9.30E-08 | 5YrCancerI | 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 |
| 938 | ALL | 289268.4 | 3919782 | 9.19E-08 | 5YrCancerI | 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 |
| 939 | ALL | 289318.4 | 3919782 | 9.08E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 940 | ALL | 289368.4 | 3919782 | 8.98E-08 | 5YrCancerI | 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 |
| 941 | ALL | 289418.4 | 3919782 | 8.87E-08 | 5YrCancerI | 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 |
| 942 | ALL | 289468.4 | 3919782 | 8.77E-08 | 5YrCancerI | 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 |
| 943 | ALL | 289518.4 | 3919782 | 8.67E-08 | 5YrCancerI | 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 |
| 944 | ALL | 289568.4 | 3919782 | 8.57E-08 | 5YrCancerI | 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 |
| 945 | ALL | 289618.4 | 3919782 | 8.47E-08 | 5YrCancerI | 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 |
| 946 | ALL | 289668.4 | 3919782 | 8.37E-08 | 5YrCancerI | 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 |
| 947 | ALL | 289718.4 | 3919782 | 8.27E-08 | 5YrCancerI | 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 |
| 948 | ALL | 289768.4 | 3919782 | 8.18E-08 | 5YrCancerI | 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 |
| 949 | ALL | 289818.4 | 3919782 | 8.08E-08 | 5YrCancerI | 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 |
| 950 | ALL | 289868.4 | 3919782 | 7.99E-08 | 5YrCancerI | 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 |
| 951 | ALL | 289918.4 | 3919782 | 7.90E-08 | 5YrCancerI | 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 |
| 952 | ALL | 289968.4 | 3919782 | 7.81E-08 | 5YrCancerI | 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 |
| 953 | ALL | 290018.4 | 3919782 | 7.72E-08 | 5YrCancerI | 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 |
| 954 | ALL | 290068.4 | 3919782 | 7.64E-08 | 5YrCancerI | 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 |
| 955 | ALL | 290118.4 | 3919782 | 7.55E-08 | 5YrCancerI | 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 |
| 956 | ALL | 290168.4 | 3919782 | 7.47E-08 | 5YrCancerI | 7.47E-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 |
| 957 | ALL | 290218.4 | 3919782 | 7.39E-08 | 5YrCancerI | 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 |
| 958 | ALL | 290268.4 | 3919782 | 7.31E-08 | 5YrCancerI | 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 |
| 959 | ALL | 290318.4 | 3919782 | 7.24E-08 | 5YrCancerI | 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 |
| 960 | ALL | 290368.4 | 3919782 | 7.16E-08 | 5YrCancerI | 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 |
| 961 | ALL | 290418.4 | 3919782 | 7.09E-08 | 5YrCancerI | 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 |
| 962 | ALL | 290468.4 | 3919782 | 7.01E-08 | 5YrCancerI | 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 |
| 963 | ALL | 290518.4 | 3919782 | 6.94E-08 | 5YrCancerI | 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 |
| 964 | ALL | 290568.4 | 3919782 | 6.86E-08 | 5YrCancerI | 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 |
| 965 | ALL | 290618.4 | 3919782 | 6.79E-08 | 5YrCancerI | 6.79E-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 |
| 966 | ALL | 289068.4 | 3919832 | 9.75E-08 | 5YrCancerI | 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 |
| 967 | ALL | 289118.4 | 3919832 | 9.63E-08 | 5YrCancerI | 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 |
| 968 | ALL | 289168.4 | 3919832 | 9.52E-08 | 5YrCancerI | 9.52E-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 |
| 969 | ALL | 289218.4 | 3919832 | 9.40E-08 | 5YrCancerI | 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 |
| 970 | ALL | 289268.4 | 3919832 | 9.29E-08 | 5YrCancerI | 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 |
| 971 | ALL | 289318.4 | 3919832 | 9.18E-08 | 5YrCancerI | 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 |
| 972 | ALL | 289368.4 | 3919832 | 9.07E-08 | 5YrCancerI | 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 |
| 973 | ALL | 289418.4 | 3919832 | 8.96E-08 | 5YrCancerI | 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 |
| 974 | ALL | 289468.4 | 3919832 | 8.85E-08 | 5YrCancerI | 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 |
| 975 | ALL | 289518.4 | 3919832 | 8.75E-08 | 5YrCancerI | 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 |
| 976 | ALL | 289568.4 | 3919832 | 8.65E-08 | 5YrCancerI | 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 |
| 977 | ALL | 289618.4 | 3919832 | 8.54E-08 | 5YrCancerI | 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 |
| 978 | ALL | 289668.4 | 3919832 | 8.44E-08 | 5YrCancerI | 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 |
| 979 | ALL | 289718.4 | 3919832 | 8.34E-08 | 5YrCancerI | 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 |
| 980 | ALL | 289768.4 | 3919832 | 8.24E-08 | 5YrCancerI | 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 |
| 981 | ALL | 289818.4 | 3919832 | 8.15E-08 | 5YrCancerI | 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 |
| 982 | ALL | 289868.4 | 3919832 | 8.05E-08 | 5YrCancerI | 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 |
| 983 | ALL | 289918.4 | 3919832 | 7.96E-08 | 5YrCancerI | 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 |
| 984 | ALL | 289968.4 | 3919832 | 7.87E-08 | 5YrCancerI | 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 |
| 985 | ALL | 290018.4 | 3919832 | 7.78E-08 | 5YrCancerI | 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 |
| 986 | ALL | 290068.4 | 3919832 | 7.70E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 987 | ALL | 290118.4 | 3919832 | 7.61E-08 | 5YrCancerI | 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 |
| 988 | ALL | 290168.4 | 3919832 | 7.53E-08 | 5YrCancerI | 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 |
| 989 | ALL | 290218.4 | 3919832 | 7.44E-08 | 5YrCancerI | 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 |
| 990 | ALL | 290268.4 | 3919832 | 7.36E-08 | 5YrCancerI | 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 |
| 991 | ALL | 290318.4 | 3919832 | 7.28E-08 | 5YrCancerI | 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 |
| 992 | ALL | 290368.4 | 3919832 | 7.20E-08 | 5YrCancerI | 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 |
| 993 | ALL | 290418.4 | 3919832 | 7.13E-08 | 5YrCancerI | 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 |
| 994 | ALL | 290468.4 | 3919832 | 7.05E-08 | 5YrCancerI | 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 |
| 995 | ALL | 290518.4 | 3919832 | 6.98E-08 | 5YrCancerI | 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 |
| 996 | ALL | 290568.4 | 3919832 | 6.90E-08 | 5YrCancerI | 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 |
| 997 | ALL | 290618.4 | 3919832 | 6.83E-08 | 5YrCancerI | 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 |
| 998 | ALL | 289068.4 | 3919882 | 9.87E-08 | 5YrCancerI | 9.87E-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 |
| 999 | ALL | 289118.4 | 3919882 | 9.75E-08 | 5YrCancerI | 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 |
| 1000 | ALL | 289168.4 | 3919882 | 9.63E-08 | 5YrCancerI | 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 |
| 1001 | ALL | 289218.4 | 3919882 | 9.51E-08 | 5YrCancerI | 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 |
| 1002 | ALL | 289268.4 | 3919882 | 9.39E-08 | 5YrCancerI | 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 |
| 1003 | ALL | 289318.4 | 3919882 | 9.27E-08 | 5YrCancerI | 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 |
| 1004 | ALL | 289368.4 | 3919882 | 9.16E-08 | 5YrCancerI | 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 |
| 1005 | ALL | 289418.4 | 3919882 | 9.05E-08 | 5YrCancerI | 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 |
| 1006 | ALL | 289468.4 | 3919882 | 8.94E-08 | 5YrCancerI | 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 |
| 1007 | ALL | 289518.4 | 3919882 | 8.83E-08 | 5YrCancerI | 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 |
| 1008 | ALL | 289568.4 | 3919882 | 8.72E-08 | 5YrCancerI | 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 |
| 1009 | ALL | 289618.4 | 3919882 | 8.62E-08 | 5YrCancerI | 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 |
| 1010 | ALL | 289668.4 | 3919882 | 8.51E-08 | 5YrCancerI | 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 |
| 1011 | ALL | 289718.4 | 3919882 | 8.41E-08 | 5YrCancerI | 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 |
| 1012 | ALL | 289768.4 | 3919882 | 8.31E-08 | 5YrCancerI | 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 |
| 1013 | ALL | 289818.4 | 3919882 | 8.21E-08 | 5YrCancerI | 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 |
| 1014 | ALL | 289868.4 | 3919882 | 8.11E-08 | 5YrCancerI | 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 |
| 1015 | ALL | 289918.4 | 3919882 | 8.01E-08 | 5YrCancerI | 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 |
| 1016 | ALL | 289968.4 | 3919882 | 7.93E-08 | 5YrCancerI | 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 |
| 1017 | ALL | 290018.4 | 3919882 | 7.84E-08 | 5YrCancerI | 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 |
| 1018 | ALL | 290068.4 | 3919882 | 7.76E-08 | 5YrCancerI | 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 |
| 1019 | ALL | 290118.4 | 3919882 | 7.67E-08 | 5YrCancerI | 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 |
| 1020 | ALL | 290168.4 | 3919882 | 7.58E-08 | 5YrCancerI | 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 |
| 1021 | ALL | 290218.4 | 3919882 | 7.49E-08 | 5YrCancerI | 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 |
| 1022 | ALL | 290268.4 | 3919882 | 7.41E-08 | 5YrCancerI | 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 |
| 1023 | ALL | 290318.4 | 3919882 | 7.33E-08 | 5YrCancerI | 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 |
| 1024 | ALL | 290368.4 | 3919882 | 7.25E-08 | 5YrCancerI | 7.25E-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 |
| 1025 | ALL | 290418.4 | 3919882 | 7.17E-08 | 5YrCancerI | 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 |
| 1026 | ALL | 290468.4 | 3919882 | 7.09E-08 | 5YrCancerI | 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 |
| 1027 | ALL | 290518.4 | 3919882 | 7.01E-08 | 5YrCancerI | 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 |
| 1028 | ALL | 290568.4 | 3919882 | 6.94E-08 | 5YrCancerI | 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 |
| 1029 | ALL | 290618.4 | 3919882 | 6.86E-08 | 5YrCancerI | 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 |
| 1030 | ALL | 289068.4 | 3919932 | 9.99E-08 | 5YrCancerI | 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 |
| 1031 | ALL | 289118.4 | 3919932 | 9.86E-08 | 5YrCancerI | 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 |
| 1032 | ALL | 289168.4 | 3919932 | 9.74E-08 | 5YrCancerI | 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 |
| 1033 | ALL | 289218.4 | 3919932 | 9.61E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1034 | ALL | 289268.4 | 3919932 | 9.49E-08 | 5YrCancerI | 9.49E-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 |
| 1035 | ALL | 289318.4 | 3919932 | 9.37E-08 | 5YrCancerI | 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 |
| 1036 | ALL | 289368.4 | 3919932 | 9.25E-08 | 5YrCancerI | 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 |
| 1037 | ALL | 289418.4 | 3919932 | 9.14E-08 | 5YrCancerI | 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 |
| 1038 | ALL | 289468.4 | 3919932 | 9.02E-08 | 5YrCancerI | 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 |
| 1039 | ALL | 289518.4 | 3919932 | 8.91E-08 | 5YrCancerI | 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 |
| 1040 | ALL | 289568.4 | 3919932 | 8.80E-08 | 5YrCancerI | 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 |
| 1041 | ALL | 289618.4 | 3919932 | 8.69E-08 | 5YrCancerI | 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 |
| 1042 | ALL | 289668.4 | 3919932 | 8.59E-08 | 5YrCancerI | 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 |
| 1043 | ALL | 289718.4 | 3919932 | 8.48E-08 | 5YrCancerI | 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 |
| 1044 | ALL | 289768.4 | 3919932 | 8.38E-08 | 5YrCancerI | 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 |
| 1045 | ALL | 289818.4 | 3919932 | 8.28E-08 | 5YrCancerI | 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 |
| 1046 | ALL | 289868.4 | 3919932 | 8.18E-08 | 5YrCancerI | 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 |
| 1047 | ALL | 289918.4 | 3919932 | 8.08E-08 | 5YrCancerI | 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 |
| 1048 | ALL | 289968.4 | 3919932 | 7.99E-08 | 5YrCancerI | 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 |
| 1049 | ALL | 290018.4 | 3919932 | 7.91E-08 | 5YrCancerI | 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 |
| 1050 | ALL | 290068.4 | 3919932 | 7.82E-08 | 5YrCancerI | 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 |
| 1051 | ALL | 290118.4 | 3919932 | 7.73E-08 | 5YrCancerI | 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 |
| 1052 | ALL | 290168.4 | 3919932 | 7.63E-08 | 5YrCancerI | 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 |
| 1053 | ALL | 290218.4 | 3919932 | 7.54E-08 | 5YrCancerI | 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 |
| 1054 | ALL | 290268.4 | 3919932 | 7.46E-08 | 5YrCancerI | 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 |
| 1055 | ALL | 290318.4 | 3919932 | 7.37E-08 | 5YrCancerI | 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 |
| 1056 | ALL | 290368.4 | 3919932 | 7.29E-08 | 5YrCancerI | 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 |
| 1057 | ALL | 290418.4 | 3919932 | 7.21E-08 | 5YrCancerI | 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 |
| 1058 | ALL | 290468.4 | 3919932 | 7.13E-08 | 5YrCancerI | 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 |
| 1059 | ALL | 290518.4 | 3919932 | 7.05E-08 | 5YrCancerI | 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 |
| 1060 | ALL | 290568.4 | 3919932 | 6.97E-08 | 5YrCancerI | 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 |
| 1061 | ALL | 290618.4 | 3919932 | 6.89E-08 | 5YrCancerI | 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 |
| 1062 | ALL | 289068.4 | 3919982 | 1.01E-07 | 5YrCancerI | 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 |
| 1063 | ALL | 289118.4 | 3919982 | 9.98E-08 | 5YrCancerI | 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 |
| 1064 | ALL | 289168.4 | 3919982 | 9.85E-08 | 5YrCancerI | 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 |
| 1065 | ALL | 289218.4 | 3919982 | 9.72E-08 | 5YrCancerI | 9.72E-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 |
| 1066 | ALL | 289268.4 | 3919982 | 9.59E-08 | 5YrCancerI | 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 |
| 1067 | ALL | 289318.4 | 3919982 | 9.47E-08 | 5YrCancerI | 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 |
| 1068 | ALL | 289368.4 | 3919982 | 9.35E-08 | 5YrCancerI | 9.35E-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 |
| 1069 | ALL | 289418.4 | 3919982 | 9.23E-08 | 5YrCancerI | 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 |
| 1070 | ALL | 289468.4 | 3919982 | 9.11E-08 | 5YrCancerI | 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 |
| 1071 | ALL | 289518.4 | 3919982 | 8.99E-08 | 5YrCancerI | 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 |
| 1072 | ALL | 289568.4 | 3919982 | 8.88E-08 | 5YrCancerI | 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 |
| 1073 | ALL | 289618.4 | 3919982 | 8.77E-08 | 5YrCancerI | 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 |
| 1074 | ALL | 289668.4 | 3919982 | 8.66E-08 | 5YrCancerI | 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 |
| 1075 | ALL | 289718.4 | 3919982 | 8.55E-08 | 5YrCancerI | 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 |
| 1076 | ALL | 289768.4 | 3919982 | 8.44E-08 | 5YrCancerI | 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 |
| 1077 | ALL | 289818.4 | 3919982 | 8.34E-08 | 5YrCancerI | 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 |
| 1078 | ALL | 289868.4 | 3919982 | 8.24E-08 | 5YrCancerI | 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 |
| 1079 | ALL | 289918.4 | 3919982 | 8.14E-08 | 5YrCancerI | 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 |
| 1080 | ALL | 289968.4 | 3919982 | 8.05E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1081 | ALL | 290018.4 | 3919982 | 7.97E-08 | 5YrCancerI | 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 |
| 1082 | ALL | 290068.4 | 3919982 | 7.88E-08 | 5YrCancerI | 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 |
| 1083 | ALL | 290118.4 | 3919982 | 7.78E-08 | 5YrCancerI | 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 |
| 1084 | ALL | 290168.4 | 3919982 | 7.69E-08 | 5YrCancerI | 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 |
| 1085 | ALL | 290218.4 | 3919982 | 7.59E-08 | 5YrCancerI | 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 |
| 1086 | ALL | 290268.4 | 3919982 | 7.50E-08 | 5YrCancerI | 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 |
| 1087 | ALL | 290318.4 | 3919982 | 7.42E-08 | 5YrCancerI | 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 |
| 1088 | ALL | 290368.4 | 3919982 | 7.33E-08 | 5YrCancerI | 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 |
| 1089 | ALL | 290418.4 | 3919982 | 7.24E-08 | 5YrCancerI | 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 |
| 1090 | ALL | 290468.4 | 3919982 | 7.16E-08 | 5YrCancerI | 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 |
| 1091 | ALL | 290518.4 | 3919982 | 7.08E-08 | 5YrCancerI | 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 |
| 1092 | ALL | 290568.4 | 3919982 | 7.00E-08 | 5YrCancerI | 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 |
| 1093 | ALL | 290618.4 | 3919982 | 6.93E-08 | 5YrCancerI | 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 |
| 1094 | ALL | 289068.4 | 3920032 | 1.02E-07 | 5YrCancerI | 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 |
| 1095 | ALL | 289118.4 | 3920032 | 1.01E-07 | 5YrCancerI | 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 |
| 1096 | ALL | 289168.4 | 3920032 | 9.96E-08 | 5YrCancerI | 9.96E-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 |
| 1097 | ALL | 289218.4 | 3920032 | 9.82E-08 | 5YrCancerI | 9.82E-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 |
| 1098 | ALL | 289268.4 | 3920032 | 9.69E-08 | 5YrCancerI | 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 |
| 1099 | ALL | 289318.4 | 3920032 | 9.56E-08 | 5YrCancerI | 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 |
| 1100 | ALL | 289368.4 | 3920032 | 9.44E-08 | 5YrCancerI | 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 |
| 1101 | ALL | 289418.4 | 3920032 | 9.31E-08 | 5YrCancerI | 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 |
| 1102 | ALL | 289468.4 | 3920032 | 9.19E-08 | 5YrCancerI | 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 |
| 1103 | ALL | 289518.4 | 3920032 | 9.07E-08 | 5YrCancerI | 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 |
| 1104 | ALL | 289568.4 | 3920032 | 8.96E-08 | 5YrCancerI | 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 |
| 1105 | ALL | 289618.4 | 3920032 | 8.84E-08 | 5YrCancerI | 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 |
| 1106 | ALL | 289668.4 | 3920032 | 8.73E-08 | 5YrCancerI | 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 |
| 1107 | ALL | 289718.4 | 3920032 | 8.62E-08 | 5YrCancerI | 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 |
| 1108 | ALL | 289768.4 | 3920032 | 8.51E-08 | 5YrCancerI | 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 |
| 1109 | ALL | 289818.4 | 3920032 | 8.40E-08 | 5YrCancerI | 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 |
| 1110 | ALL | 289868.4 | 3920032 | 8.30E-08 | 5YrCancerI | 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 |
| 1111 | ALL | 289918.4 | 3920032 | 8.20E-08 | 5YrCancerI | 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 |
| 1112 | ALL | 289968.4 | 3920032 | 8.11E-08 | 5YrCancerI | 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 |
| 1113 | ALL | 290018.4 | 3920032 | 8.02E-08 | 5YrCancerI | 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 |
| 1114 | ALL | 290068.4 | 3920032 | 7.93E-08 | 5YrCancerI | 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 |
| 1115 | ALL | 290118.4 | 3920032 | 7.83E-08 | 5YrCancerI | 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 |
| 1116 | ALL | 290168.4 | 3920032 | 7.74E-08 | 5YrCancerI | 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 |
| 1117 | ALL | 290218.4 | 3920032 | 7.64E-08 | 5YrCancerI | 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 |
| 1118 | ALL | 290268.4 | 3920032 | 7.55E-08 | 5YrCancerI | 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 |
| 1119 | ALL | 290318.4 | 3920032 | 7.46E-08 | 5YrCancerI | 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 |
| 1120 | ALL | 290368.4 | 3920032 | 7.37E-08 | 5YrCancerI | 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 |
| 1121 | ALL | 290418.4 | 3920032 | 7.29E-08 | 5YrCancerI | 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 |
| 1122 | ALL | 290468.4 | 3920032 | 7.20E-08 | 5YrCancerI | 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 |
| 1123 | ALL | 290518.4 | 3920032 | 7.12E-08 | 5YrCancerI | 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 |
| 1124 | ALL | 290568.4 | 3920032 | 7.04E-08 | 5YrCancerI | 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 |
| 1125 | ALL | 290618.4 | 3920032 | 6.96E-08 | 5YrCancerI | 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 |
| 1126 | ALL | 289068.4 | 3920082 | 1.04E-07 | 5YrCancerI | 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 |
| 1127 | ALL | 289118.4 | 3920082 | 1.02E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1128 | ALL | 289168.4 | 3920082 | 1.01E-07 | 5YrCancerI | 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 |
| 1129 | ALL | 289218.4 | 3920082 | 9.93E-08 | 5YrCancerI | 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 |
| 1130 | ALL | 289268.4 | 3920082 | 9.79E-08 | 5YrCancerI | 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 |
| 1131 | ALL | 289318.4 | 3920082 | 9.66E-08 | 5YrCancerI | 9.66E-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 |
| 1132 | ALL | 289368.4 | 3920082 | 9.53E-08 | 5YrCancerI | 9.53E-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 |
| 1133 | ALL | 289418.4 | 3920082 | 9.40E-08 | 5YrCancerI | 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 |
| 1134 | ALL | 289468.4 | 3920082 | 9.28E-08 | 5YrCancerI | 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 |
| 1135 | ALL | 289518.4 | 3920082 | 9.15E-08 | 5YrCancerI | 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 |
| 1136 | ALL | 289568.4 | 3920082 | 9.03E-08 | 5YrCancerI | 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 |
| 1137 | ALL | 289618.4 | 3920082 | 8.92E-08 | 5YrCancerI | 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 |
| 1138 | ALL | 289668.4 | 3920082 | 8.80E-08 | 5YrCancerI | 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 |
| 1139 | ALL | 289718.4 | 3920082 | 8.68E-08 | 5YrCancerI | 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 |
| 1140 | ALL | 289768.4 | 3920082 | 8.57E-08 | 5YrCancerI | 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 |
| 1141 | ALL | 289818.4 | 3920082 | 8.46E-08 | 5YrCancerI | 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 |
| 1142 | ALL | 289868.4 | 3920082 | 8.36E-08 | 5YrCancerI | 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 |
| 1143 | ALL | 289918.4 | 3920082 | 8.26E-08 | 5YrCancerI | 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 |
| 1144 | ALL | 289968.4 | 3920082 | 8.16E-08 | 5YrCancerI | 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 |
| 1145 | ALL | 290018.4 | 3920082 | 8.07E-08 | 5YrCancerI | 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 |
| 1146 | ALL | 290068.4 | 3920082 | 7.98E-08 | 5YrCancerI | 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 |
| 1147 | ALL | 290118.4 | 3920082 | 7.88E-08 | 5YrCancerI | 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 |
| 1148 | ALL | 290168.4 | 3920082 | 7.78E-08 | 5YrCancerI | 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 |
| 1149 | ALL | 290218.4 | 3920082 | 7.69E-08 | 5YrCancerI | 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 |
| 1150 | ALL | 290268.4 | 3920082 | 7.60E-08 | 5YrCancerI | 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 |
| 1151 | ALL | 290318.4 | 3920082 | 7.50E-08 | 5YrCancerI | 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 |
| 1152 | ALL | 290368.4 | 3920082 | 7.41E-08 | 5YrCancerI | 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 |
| 1153 | ALL | 290418.4 | 3920082 | 7.33E-08 | 5YrCancerI | 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 |
| 1154 | ALL | 290468.4 | 3920082 | 7.24E-08 | 5YrCancerI | 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 |
| 1155 | ALL | 290518.4 | 3920082 | 7.16E-08 | 5YrCancerI | 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 |
| 1156 | ALL | 290568.4 | 3920082 | 7.07E-08 | 5YrCancerI | 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 |
| 1157 | ALL | 290618.4 | 3920082 | 6.99E-08 | 5YrCancerI | 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 |
| 1158 | ALL | 289068.4 | 3920132 | 1.05E-07 | 5YrCancerI | 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 |
| 1159 | ALL | 289118.4 | 3920132 | 1.03E-07 | 5YrCancerI | 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 |
| 1160 | ALL | 289168.4 | 3920132 | 1.02E-07 | 5YrCancerI | 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 |
| 1161 | ALL | 289218.4 | 3920132 | 1.00E-07 | 5YrCancerI | 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 |
| 1162 | ALL | 289268.4 | 3920132 | 9.89E-08 | 5YrCancerI | 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 |
| 1163 | ALL | 289318.4 | 3920132 | 9.76E-08 | 5YrCancerI | 9.76E-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 |
| 1164 | ALL | 289368.4 | 3920132 | 9.62E-08 | 5YrCancerI | 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 |
| 1165 | ALL | 289418.4 | 3920132 | 9.49E-08 | 5YrCancerI | 9.49E-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 |
| 1166 | ALL | 289468.4 | 3920132 | 9.36E-08 | 5YrCancerI | 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 |
| 1167 | ALL | 289518.4 | 3920132 | 9.23E-08 | 5YrCancerI | 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 |
| 1168 | ALL | 289568.4 | 3920132 | 9.11E-08 | 5YrCancerI | 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 |
| 1169 | ALL | 289618.4 | 3920132 | 8.99E-08 | 5YrCancerI | 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 |
| 1170 | ALL | 289668.4 | 3920132 | 8.87E-08 | 5YrCancerI | 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 |
| 1171 | ALL | 289718.4 | 3920132 | 8.75E-08 | 5YrCancerI | 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 |
| 1172 | ALL | 289768.4 | 3920132 | 8.64E-08 | 5YrCancerI | 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 |
| 1173 | ALL | 289818.4 | 3920132 | 8.52E-08 | 5YrCancerI | 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 |
| 1174 | ALL | 289868.4 | 3920132 | 8.42E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1175 | ALL | 289918.4 | 3920132 | 8.31E-08 | 5YrCancerI | 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 |
| 1176 | ALL | 289968.4 | 3920132 | 8.21E-08 | 5YrCancerI | 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 |
| 1177 | ALL | 290018.4 | 3920132 | 8.12E-08 | 5YrCancerI | 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 |
| 1178 | ALL | 290068.4 | 3920132 | 8.02E-08 | 5YrCancerI | 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 |
| 1179 | ALL | 290118.4 | 3920132 | 7.92E-08 | 5YrCancerI | 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 |
| 1180 | ALL | 290168.4 | 3920132 | 7.82E-08 | 5YrCancerI | 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 |
| 1181 | ALL | 290218.4 | 3920132 | 7.73E-08 | 5YrCancerI | 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 |
| 1182 | ALL | 290268.4 | 3920132 | 7.63E-08 | 5YrCancerI | 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 |
| 1183 | ALL | 290318.4 | 3920132 | 7.54E-08 | 5YrCancerI | 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 |
| 1184 | ALL | 290368.4 | 3920132 | 7.45E-08 | 5YrCancerI | 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 |
| 1185 | ALL | 290418.4 | 3920132 | 7.36E-08 | 5YrCancerI | 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 |
| 1186 | ALL | 290468.4 | 3920132 | 7.27E-08 | 5YrCancerI | 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 |
| 1187 | ALL | 290518.4 | 3920132 | 7.19E-08 | 5YrCancerI | 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 |
| 1188 | ALL | 290568.4 | 3920132 | 7.10E-08 | 5YrCancerI | 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 |
| 1189 | ALL | 290618.4 | 3920132 | 7.02E-08 | 5YrCancerI | 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 |
| 1190 | ALL | 289068.4 | 3920182 | 1.06E-07 | 5YrCancerI | 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 |
| 1191 | ALL | 289118.4 | 3920182 | 1.04E-07 | 5YrCancerI | 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 |
| 1192 | ALL | 289168.4 | 3920182 | 1.03E-07 | 5YrCancerI | 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 |
| 1193 | ALL | 289218.4 | 3920182 | 1.01E-07 | 5YrCancerI | 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 |
| 1194 | ALL | 289268.4 | 3920182 | 9.99E-08 | 5YrCancerI | 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 |
| 1195 | ALL | 289318.4 | 3920182 | 9.85E-08 | 5YrCancerI | 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 |
| 1196 | ALL | 289368.4 | 3920182 | 9.71E-08 | 5YrCancerI | 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 |
| 1197 | ALL | 289418.4 | 3920182 | 9.58E-08 | 5YrCancerI | 9.58E-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 |
| 1198 | ALL | 289468.4 | 3920182 | 9.44E-08 | 5YrCancerI | 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 |
| 1199 | ALL | 289518.4 | 3920182 | 9.31E-08 | 5YrCancerI | 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 |
| 1200 | ALL | 289568.4 | 3920182 | 9.19E-08 | 5YrCancerI | 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 |
| 1201 | ALL | 289618.4 | 3920182 | 9.06E-08 | 5YrCancerI | 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 |
| 1202 | ALL | 289668.4 | 3920182 | 8.94E-08 | 5YrCancerI | 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 |
| 1203 | ALL | 289718.4 | 3920182 | 8.82E-08 | 5YrCancerI | 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 |
| 1204 | ALL | 289768.4 | 3920182 | 8.70E-08 | 5YrCancerI | 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 |
| 1205 | ALL | 289818.4 | 3920182 | 8.59E-08 | 5YrCancerI | 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 |
| 1206 | ALL | 289868.4 | 3920182 | 8.48E-08 | 5YrCancerI | 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 |
| 1207 | ALL | 289918.4 | 3920182 | 8.37E-08 | 5YrCancerI | 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 |
| 1208 | ALL | 289968.4 | 3920182 | 8.26E-08 | 5YrCancerI | 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 |
| 1209 | ALL | 290018.4 | 3920182 | 8.16E-08 | 5YrCancerI | 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 |
| 1210 | ALL | 290068.4 | 3920182 | 8.06E-08 | 5YrCancerI | 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 |
| 1211 | ALL | 290118.4 | 3920182 | 7.96E-08 | 5YrCancerI | 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 |
| 1212 | ALL | 290168.4 | 3920182 | 7.86E-08 | 5YrCancerI | 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 |
| 1213 | ALL | 290218.4 | 3920182 | 7.77E-08 | 5YrCancerI | 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 |
| 1214 | ALL | 290268.4 | 3920182 | 7.67E-08 | 5YrCancerI | 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 |
| 1215 | ALL | 290318.4 | 3920182 | 7.58E-08 | 5YrCancerI | 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 |
| 1216 | ALL | 290368.4 | 3920182 | 7.48E-08 | 5YrCancerI | 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 |
| 1217 | ALL | 290418.4 | 3920182 | 7.39E-08 | 5YrCancerI | 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 |
| 1218 | ALL | 290468.4 | 3920182 | 7.31E-08 | 5YrCancerI | 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 |
| 1219 | ALL | 290518.4 | 3920182 | 7.22E-08 | 5YrCancerI | 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 |
| 1220 | ALL | 290568.4 | 3920182 | 7.14E-08 | 5YrCancerI | 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 |
| 1221 | ALL | 290618.4 | 3920182 | 7.05E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1222 | ALL | 289068.4 | 3920232 | 1.07E-07 | 5YrCancerI | 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 |
| 1223 | ALL | 289118.4 | 3920232 | 1.06E-07 | 5YrCancerI | 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 |
| 1224 | ALL | 289168.4 | 3920232 | 1.04E-07 | 5YrCancerI | 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 |
| 1225 | ALL | 289218.4 | 3920232 | 1.02E-07 | 5YrCancerI | 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 |
| 1226 | ALL | 289268.4 | 3920232 | 1.01E-07 | 5YrCancerI | 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 |
| 1227 | ALL | 289318.4 | 3920232 | 9.95E-08 | 5YrCancerI | 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 |
| 1228 | ALL | 289368.4 | 3920232 | 9.81E-08 | 5YrCancerI | 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 |
| 1229 | ALL | 289418.4 | 3920232 | 9.67E-08 | 5YrCancerI | 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 |
| 1230 | ALL | 289468.4 | 3920232 | 9.53E-08 | 5YrCancerI | 9.53E-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 |
| 1231 | ALL | 289518.4 | 3920232 | 9.40E-08 | 5YrCancerI | 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 |
| 1232 | ALL | 289568.4 | 3920232 | 9.26E-08 | 5YrCancerI | 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 |
| 1233 | ALL | 289618.4 | 3920232 | 9.14E-08 | 5YrCancerI | 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 |
| 1234 | ALL | 289668.4 | 3920232 | 9.01E-08 | 5YrCancerI | 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 |
| 1235 | ALL | 289718.4 | 3920232 | 8.89E-08 | 5YrCancerI | 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 |
| 1236 | ALL | 289768.4 | 3920232 | 8.76E-08 | 5YrCancerI | 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 |
| 1237 | ALL | 289818.4 | 3920232 | 8.65E-08 | 5YrCancerI | 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 |
| 1238 | ALL | 289868.4 | 3920232 | 8.53E-08 | 5YrCancerI | 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 |
| 1239 | ALL | 289918.4 | 3920232 | 8.42E-08 | 5YrCancerI | 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 |
| 1240 | ALL | 289968.4 | 3920232 | 8.31E-08 | 5YrCancerI | 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 |
| 1241 | ALL | 290018.4 | 3920232 | 8.21E-08 | 5YrCancerI | 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 |
| 1242 | ALL | 290068.4 | 3920232 | 8.10E-08 | 5YrCancerI | 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 |
| 1243 | ALL | 290118.4 | 3920232 | 8.00E-08 | 5YrCancerI | 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 |
| 1244 | ALL | 290168.4 | 3920232 | 7.90E-08 | 5YrCancerI | 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 |
| 1245 | ALL | 290218.4 | 3920232 | 7.80E-08 | 5YrCancerI | 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 |
| 1246 | ALL | 290268.4 | 3920232 | 7.71E-08 | 5YrCancerI | 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 |
| 1247 | ALL | 290318.4 | 3920232 | 7.61E-08 | 5YrCancerI | 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 |
| 1248 | ALL | 290368.4 | 3920232 | 7.52E-08 | 5YrCancerI | 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 |
| 1249 | ALL | 290418.4 | 3920232 | 7.43E-08 | 5YrCancerI | 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 |
| 1250 | ALL | 290468.4 | 3920232 | 7.35E-08 | 5YrCancerI | 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 |
| 1251 | ALL | 290518.4 | 3920232 | 7.26E-08 | 5YrCancerI | 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 |
| 1252 | ALL | 290568.4 | 3920232 | 7.17E-08 | 5YrCancerI | 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 |
| 1253 | ALL | 290618.4 | 3920232 | 7.09E-08 | 5YrCancerI | 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 |
| 1254 | ALL | 289068.4 | 3920282 | 1.08E-07 | 5YrCancerI | 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 |
| 1255 | ALL | 289118.4 | 3920282 | 1.07E-07 | 5YrCancerI | 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 |
| 1256 | ALL | 289168.4 | 3920282 | 1.05E-07 | 5YrCancerI | 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 |
| 1257 | ALL | 289218.4 | 3920282 | 1.04E-07 | 5YrCancerI | 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 |
| 1258 | ALL | 289268.4 | 3920282 | 1.02E-07 | 5YrCancerI | 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 |
| 1259 | ALL | 289318.4 | 3920282 | 1.00E-07 | 5YrCancerI | 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 |
| 1260 | ALL | 289368.4 | 3920282 | 9.90E-08 | 5YrCancerI | 9.90E-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 |
| 1261 | ALL | 289418.4 | 3920282 | 9.75E-08 | 5YrCancerI | 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 |
| 1262 | ALL | 289468.4 | 3920282 | 9.61E-08 | 5YrCancerI | 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 |
| 1263 | ALL | 289518.4 | 3920282 | 9.48E-08 | 5YrCancerI | 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 |
| 1264 | ALL | 289568.4 | 3920282 | 9.34E-08 | 5YrCancerI | 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 |
| 1265 | ALL | 289618.4 | 3920282 | 9.21E-08 | 5YrCancerI | 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 |
| 1266 | ALL | 289668.4 | 3920282 | 9.08E-08 | 5YrCancerI | 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 |
| 1267 | ALL | 289718.4 | 3920282 | 8.95E-08 | 5YrCancerI | 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 |
| 1268 | ALL | 289768.4 | 3920282 | 8.83E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1269 | ALL | 289818.4 | 3920282 | 8.70E-08 | 5YrCancerI | 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 |
| 1270 | ALL | 289868.4 | 3920282 | 8.58E-08 | 5YrCancerI | 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 |
| 1271 | ALL | 289918.4 | 3920282 | 8.47E-08 | 5YrCancerI | 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 |
| 1272 | ALL | 289968.4 | 3920282 | 8.36E-08 | 5YrCancerI | 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 |
| 1273 | ALL | 290018.4 | 3920282 | 8.25E-08 | 5YrCancerI | 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 |
| 1274 | ALL | 290068.4 | 3920282 | 8.15E-08 | 5YrCancerI | 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 |
| 1275 | ALL | 290118.4 | 3920282 | 8.05E-08 | 5YrCancerI | 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 |
| 1276 | ALL | 290168.4 | 3920282 | 7.94E-08 | 5YrCancerI | 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 |
| 1277 | ALL | 290218.4 | 3920282 | 7.84E-08 | 5YrCancerI | 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 |
| 1278 | ALL | 290268.4 | 3920282 | 7.74E-08 | 5YrCancerI | 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 |
| 1279 | ALL | 290318.4 | 3920282 | 7.65E-08 | 5YrCancerI | 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 |
| 1280 | ALL | 290368.4 | 3920282 | 7.56E-08 | 5YrCancerI | 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 |
| 1281 | ALL | 290418.4 | 3920282 | 7.47E-08 | 5YrCancerI | 7.47E-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 |
| 1282 | ALL | 290468.4 | 3920282 | 7.38E-08 | 5YrCancerI | 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 |
| 1283 | ALL | 290518.4 | 3920282 | 7.29E-08 | 5YrCancerI | 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 |
| 1284 | ALL | 290568.4 | 3920282 | 7.20E-08 | 5YrCancerI | 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 |
| 1285 | ALL | 290618.4 | 3920282 | 7.12E-08 | 5YrCancerI | 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 |
| 1286 | ALL | 289068.4 | 3920332 | 1.10E-07 | 5YrCancerI | 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 |
| 1287 | ALL | 289118.4 | 3920332 | 1.08E-07 | 5YrCancerI | 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 |
| 1288 | ALL | 289168.4 | 3920332 | 1.06E-07 | 5YrCancerI | 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 |
| 1289 | ALL | 289218.4 | 3920332 | 1.05E-07 | 5YrCancerI | 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 |
| 1290 | ALL | 289268.4 | 3920332 | 1.03E-07 | 5YrCancerI | 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 |
| 1291 | ALL | 289318.4 | 3920332 | 1.01E-07 | 5YrCancerI | 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 |
| 1292 | ALL | 289368.4 | 3920332 | 9.99E-08 | 5YrCancerI | 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 |
| 1293 | ALL | 289418.4 | 3920332 | 9.84E-08 | 5YrCancerI | 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 |
| 1294 | ALL | 289468.4 | 3920332 | 9.70E-08 | 5YrCancerI | 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 |
| 1295 | ALL | 289518.4 | 3920332 | 9.56E-08 | 5YrCancerI | 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 |
| 1296 | ALL | 289568.4 | 3920332 | 9.41E-08 | 5YrCancerI | 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 |
| 1297 | ALL | 289618.4 | 3920332 | 9.28E-08 | 5YrCancerI | 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 |
| 1298 | ALL | 289668.4 | 3920332 | 9.14E-08 | 5YrCancerI | 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 |
| 1299 | ALL | 289718.4 | 3920332 | 9.01E-08 | 5YrCancerI | 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 |
| 1300 | ALL | 289768.4 | 3920332 | 8.89E-08 | 5YrCancerI | 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 |
| 1301 | ALL | 289818.4 | 3920332 | 8.76E-08 | 5YrCancerI | 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 |
| 1302 | ALL | 289868.4 | 3920332 | 8.64E-08 | 5YrCancerI | 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 |
| 1303 | ALL | 289918.4 | 3920332 | 8.52E-08 | 5YrCancerI | 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 |
| 1304 | ALL | 289968.4 | 3920332 | 8.41E-08 | 5YrCancerI | 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 |
| 1305 | ALL | 290018.4 | 3920332 | 8.30E-08 | 5YrCancerI | 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 |
| 1306 | ALL | 290068.4 | 3920332 | 8.19E-08 | 5YrCancerI | 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 |
| 1307 | ALL | 290118.4 | 3920332 | 8.09E-08 | 5YrCancerI | 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 |
| 1308 | ALL | 290168.4 | 3920332 | 7.98E-08 | 5YrCancerI | 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 |
| 1309 | ALL | 290218.4 | 3920332 | 7.88E-08 | 5YrCancerI | 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 |
| 1310 | ALL | 290268.4 | 3920332 | 7.78E-08 | 5YrCancerI | 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 |
| 1311 | ALL | 290318.4 | 3920332 | 7.69E-08 | 5YrCancerI | 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 |
| 1312 | ALL | 290368.4 | 3920332 | 7.59E-08 | 5YrCancerI | 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 |
| 1313 | ALL | 290418.4 | 3920332 | 7.50E-08 | 5YrCancerI | 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 |
| 1314 | ALL | 290468.4 | 3920332 | 7.41E-08 | 5YrCancerI | 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 |
| 1315 | ALL | 290518.4 | 3920332 | 7.32E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1316 | ALL | 290568.4 | 3920332 | 7.23E-08 | 5YrCancerI | 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 |
| 1317 | ALL | 290618.4 | 3920332 | 7.14E-08 | 5YrCancerI | 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 |
| 1318 | ALL | 289068.4 | 3920382 | 1.11E-07 | 5YrCancerI | 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 |
| 1319 | ALL | 289118.4 | 3920382 | 1.09E-07 | 5YrCancerI | 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 |
| 1320 | ALL | 289168.4 | 3920382 | 1.07E-07 | 5YrCancerI | 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 |
| 1321 | ALL | 289218.4 | 3920382 | 1.06E-07 | 5YrCancerI | 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 |
| 1322 | ALL | 289268.4 | 3920382 | 1.04E-07 | 5YrCancerI | 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 |
| 1323 | ALL | 289318.4 | 3920382 | 1.02E-07 | 5YrCancerI | 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 |
| 1324 | ALL | 289368.4 | 3920382 | 1.01E-07 | 5YrCancerI | 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 |
| 1325 | ALL | 289418.4 | 3920382 | 9.93E-08 | 5YrCancerI | 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 |
| 1326 | ALL | 289468.4 | 3920382 | 9.78E-08 | 5YrCancerI | 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 |
| 1327 | ALL | 289518.4 | 3920382 | 9.63E-08 | 5YrCancerI | 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 |
| 1328 | ALL | 289568.4 | 3920382 | 9.49E-08 | 5YrCancerI | 9.49E-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 |
| 1329 | ALL | 289618.4 | 3920382 | 9.35E-08 | 5YrCancerI | 9.35E-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 |
| 1330 | ALL | 289668.4 | 3920382 | 9.21E-08 | 5YrCancerI | 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 |
| 1331 | ALL | 289718.4 | 3920382 | 9.08E-08 | 5YrCancerI | 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 |
| 1332 | ALL | 289768.4 | 3920382 | 8.95E-08 | 5YrCancerI | 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 |
| 1333 | ALL | 289818.4 | 3920382 | 8.82E-08 | 5YrCancerI | 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 |
| 1334 | ALL | 289868.4 | 3920382 | 8.70E-08 | 5YrCancerI | 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 |
| 1335 | ALL | 289918.4 | 3920382 | 8.58E-08 | 5YrCancerI | 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 |
| 1336 | ALL | 289968.4 | 3920382 | 8.46E-08 | 5YrCancerI | 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 |
| 1337 | ALL | 290018.4 | 3920382 | 8.35E-08 | 5YrCancerI | 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 |
| 1338 | ALL | 290068.4 | 3920382 | 8.24E-08 | 5YrCancerI | 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 |
| 1339 | ALL | 290118.4 | 3920382 | 8.13E-08 | 5YrCancerI | 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 |
| 1340 | ALL | 290168.4 | 3920382 | 8.02E-08 | 5YrCancerI | 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 |
| 1341 | ALL | 290218.4 | 3920382 | 7.92E-08 | 5YrCancerI | 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 |
| 1342 | ALL | 290268.4 | 3920382 | 7.82E-08 | 5YrCancerI | 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 |
| 1343 | ALL | 290318.4 | 3920382 | 7.72E-08 | 5YrCancerI | 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 |
| 1344 | ALL | 290368.4 | 3920382 | 7.63E-08 | 5YrCancerI | 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 |
| 1345 | ALL | 290418.4 | 3920382 | 7.53E-08 | 5YrCancerI | 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 |
| 1346 | ALL | 290468.4 | 3920382 | 7.44E-08 | 5YrCancerI | 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 |
| 1347 | ALL | 290518.4 | 3920382 | 7.35E-08 | 5YrCancerI | 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 |
| 1348 | ALL | 290568.4 | 3920382 | 7.26E-08 | 5YrCancerI | 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 |
| 1349 | ALL | 290618.4 | 3920382 | 7.17E-08 | 5YrCancerI | 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 |
| 1350 | ALL | 289068.4 | 3920432 | 1.12E-07 | 5YrCancerI | 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 |
| 1351 | ALL | 289118.4 | 3920432 | 1.10E-07 | 5YrCancerI | 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 |
| 1352 | ALL | 289168.4 | 3920432 | 1.09E-07 | 5YrCancerI | 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 |
| 1353 | ALL | 289218.4 | 3920432 | 1.07E-07 | 5YrCancerI | 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 |
| 1354 | ALL | 289268.4 | 3920432 | 1.05E-07 | 5YrCancerI | 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 |
| 1355 | ALL | 289318.4 | 3920432 | 1.03E-07 | 5YrCancerI | 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 |
| 1356 | ALL | 289368.4 | 3920432 | 1.02E-07 | 5YrCancerI | 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 |
| 1357 | ALL | 289418.4 | 3920432 | 1.00E-07 | 5YrCancerI | 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 |
| 1358 | ALL | 289468.4 | 3920432 | 9.86E-08 | 5YrCancerI | 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 |
| 1359 | ALL | 289518.4 | 3920432 | 9.71E-08 | 5YrCancerI | 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 |
| 1360 | ALL | 289568.4 | 3920432 | 9.56E-08 | 5YrCancerI | 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 |
| 1361 | ALL | 289618.4 | 3920432 | 9.42E-08 | 5YrCancerI | 9.42E-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 |
| 1362 | ALL | 289668.4 | 3920432 | 9.28E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1363 | ALL | 289718.4 | 3920432 | 9.14E-08 | 5YrCancerI | 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 |
| 1364 | ALL | 289768.4 | 3920432 | 9.01E-08 | 5YrCancerI | 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 |
| 1365 | ALL | 289818.4 | 3920432 | 8.88E-08 | 5YrCancerI | 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 |
| 1366 | ALL | 289868.4 | 3920432 | 8.75E-08 | 5YrCancerI | 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 |
| 1367 | ALL | 289918.4 | 3920432 | 8.63E-08 | 5YrCancerI | 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 |
| 1368 | ALL | 289968.4 | 3920432 | 8.51E-08 | 5YrCancerI | 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 |
| 1369 | ALL | 290018.4 | 3920432 | 8.39E-08 | 5YrCancerI | 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 |
| 1370 | ALL | 290068.4 | 3920432 | 8.28E-08 | 5YrCancerI | 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 |
| 1371 | ALL | 290118.4 | 3920432 | 8.17E-08 | 5YrCancerI | 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 |
| 1372 | ALL | 290168.4 | 3920432 | 8.06E-08 | 5YrCancerI | 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 |
| 1373 | ALL | 290218.4 | 3920432 | 7.96E-08 | 5YrCancerI | 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 |
| 1374 | ALL | 290268.4 | 3920432 | 7.85E-08 | 5YrCancerI | 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 |
| 1375 | ALL | 290318.4 | 3920432 | 7.76E-08 | 5YrCancerI | 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 |
| 1376 | ALL | 290368.4 | 3920432 | 7.66E-08 | 5YrCancerI | 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 |
| 1377 | ALL | 290418.4 | 3920432 | 7.56E-08 | 5YrCancerI | 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 |
| 1378 | ALL | 290468.4 | 3920432 | 7.47E-08 | 5YrCancerI | 7.47E-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 |
| 1379 | ALL | 290518.4 | 3920432 | 7.38E-08 | 5YrCancerI | 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 |
| 1380 | ALL | 290568.4 | 3920432 | 7.29E-08 | 5YrCancerI | 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 |
| 1381 | ALL | 290618.4 | 3920432 | 7.20E-08 | 5YrCancerI | 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 |
| 1382 | ALL | 289068.4 | 3920482 | 1.13E-07 | 5YrCancerI | 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 |
| 1383 | ALL | 289118.4 | 3920482 | 1.11E-07 | 5YrCancerI | 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 |
| 1384 | ALL | 289168.4 | 3920482 | 1.10E-07 | 5YrCancerI | 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 | 289218.4 | 3920482 | 1.08E-07 | 5YrCancerI | 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 | 289268.4 | 3920482 | 1.06E-07 | 5YrCancerI | 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 |
| 1387 | ALL | 289318.4 | 3920482 | 1.04E-07 | 5YrCancerI | 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 |
| 1388 | ALL | 289368.4 | 3920482 | 1.03E-07 | 5YrCancerI | 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 |
| 1389 | ALL | 289418.4 | 3920482 | 1.01E-07 | 5YrCancerI | 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 |
| 1390 | ALL | 289468.4 | 3920482 | 9.94E-08 | 5YrCancerI | 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 |
| 1391 | ALL | 289518.4 | 3920482 | 9.79E-08 | 5YrCancerI | 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 |
| 1392 | ALL | 289568.4 | 3920482 | 9.64E-08 | 5YrCancerI | 9.64E-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 |
| 1393 | ALL | 289618.4 | 3920482 | 9.49E-08 | 5YrCancerI | 9.49E-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 |
| 1394 | ALL | 289668.4 | 3920482 | 9.34E-08 | 5YrCancerI | 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 |
| 1395 | ALL | 289718.4 | 3920482 | 9.20E-08 | 5YrCancerI | 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 |
| 1396 | ALL | 289768.4 | 3920482 | 9.06E-08 | 5YrCancerI | 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 |
| 1397 | ALL | 289818.4 | 3920482 | 8.93E-08 | 5YrCancerI | 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 |
| 1398 | ALL | 289868.4 | 3920482 | 8.80E-08 | 5YrCancerI | 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 |
| 1399 | ALL | 289918.4 | 3920482 | 8.68E-08 | 5YrCancerI | 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 |
| 1400 | ALL | 289968.4 | 3920482 | 8.56E-08 | 5YrCancerI | 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 |
| 1401 | ALL | 290018.4 | 3920482 | 8.44E-08 | 5YrCancerI | 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 |
| 1402 | ALL | 290068.4 | 3920482 | 8.32E-08 | 5YrCancerI | 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 |
| 1403 | ALL | 290118.4 | 3920482 | 8.21E-08 | 5YrCancerI | 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 |
| 1404 | ALL | 290168.4 | 3920482 | 8.10E-08 | 5YrCancerI | 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 |
| 1405 | ALL | 290218.4 | 3920482 | 7.99E-08 | 5YrCancerI | 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 |
| 1406 | ALL | 290268.4 | 3920482 | 7.89E-08 | 5YrCancerI | 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 |
| 1407 | ALL | 290318.4 | 3920482 | 7.79E-08 | 5YrCancerI | 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 |
| 1408 | ALL | 290368.4 | 3920482 | 7.69E-08 | 5YrCancerI | 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 |
| 1409 | ALL | 290418.4 | 3920482 | 7.59E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1410 | ALL | 290468.4 | 3920482 | 7.49E-08 | 5YrCancerI | 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 |
| 1411 | ALL | 290518.4 | 3920482 | 7.40E-08 | 5YrCancerI | 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 |
| 1412 | ALL | 290568.4 | 3920482 | 7.31E-08 | 5YrCancerI | 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 |
| 1413 | ALL | 290618.4 | 3920482 | 7.22E-08 | 5YrCancerI | 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 |
| 1414 | ALL | 289068.4 | 3920532 | 1.15E-07 | 5YrCancerI | 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 |
| 1415 | ALL | 289118.4 | 3920532 | 1.13E-07 | 5YrCancerI | 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 |
| 1416 | ALL | 289168.4 | 3920532 | 1.11E-07 | 5YrCancerI | 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 |
| 1417 | ALL | 289218.4 | 3920532 | 1.09E-07 | 5YrCancerI | 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 |
| 1418 | ALL | 289268.4 | 3920532 | 1.07E-07 | 5YrCancerI | 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 |
| 1419 | ALL | 289318.4 | 3920532 | 1.05E-07 | 5YrCancerI | 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 |
| 1420 | ALL | 289368.4 | 3920532 | 1.04E-07 | 5YrCancerI | 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 |
| 1421 | ALL | 289418.4 | 3920532 | 1.02E-07 | 5YrCancerI | 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 |
| 1422 | ALL | 289468.4 | 3920532 | 1.00E-07 | 5YrCancerI | 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 |
| 1423 | ALL | 289518.4 | 3920532 | 9.86E-08 | 5YrCancerI | 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 |
| 1424 | ALL | 289568.4 | 3920532 | 9.71E-08 | 5YrCancerI | 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 |
| 1425 | ALL | 289618.4 | 3920532 | 9.56E-08 | 5YrCancerI | 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 |
| 1426 | ALL | 289668.4 | 3920532 | 9.41E-08 | 5YrCancerI | 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 |
| 1427 | ALL | 289718.4 | 3920532 | 9.26E-08 | 5YrCancerI | 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 |
| 1428 | ALL | 289768.4 | 3920532 | 9.12E-08 | 5YrCancerI | 9.12E-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 |
| 1429 | ALL | 289818.4 | 3920532 | 8.98E-08 | 5YrCancerI | 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 |
| 1430 | ALL | 289868.4 | 3920532 | 8.85E-08 | 5YrCancerI | 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 |
| 1431 | ALL | 289918.4 | 3920532 | 8.73E-08 | 5YrCancerI | 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 |
| 1432 | ALL | 289968.4 | 3920532 | 8.60E-08 | 5YrCancerI | 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 |
| 1433 | ALL | 290018.4 | 3920532 | 8.48E-08 | 5YrCancerI | 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 |
| 1434 | ALL | 290068.4 | 3920532 | 8.37E-08 | 5YrCancerI | 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 |
| 1435 | ALL | 290118.4 | 3920532 | 8.25E-08 | 5YrCancerI | 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 |
| 1436 | ALL | 290168.4 | 3920532 | 8.14E-08 | 5YrCancerI | 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 |
| 1437 | ALL | 290218.4 | 3920532 | 8.03E-08 | 5YrCancerI | 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 |
| 1438 | ALL | 290268.4 | 3920532 | 7.92E-08 | 5YrCancerI | 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 |
| 1439 | ALL | 290318.4 | 3920532 | 7.82E-08 | 5YrCancerI | 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 |
| 1440 | ALL | 290368.4 | 3920532 | 7.72E-08 | 5YrCancerI | 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 |
| 1441 | ALL | 290418.4 | 3920532 | 7.62E-08 | 5YrCancerI | 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 |
| 1442 | ALL | 290468.4 | 3920532 | 7.52E-08 | 5YrCancerI | 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 |
| 1443 | ALL | 290518.4 | 3920532 | 7.43E-08 | 5YrCancerI | 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 |
| 1444 | ALL | 290568.4 | 3920532 | 7.33E-08 | 5YrCancerI | 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 |
| 1445 | ALL | 290618.4 | 3920532 | 7.24E-08 | 5YrCancerI | 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 |
| 1446 | ALL | 289068.4 | 3920582 | 1.16E-07 | 5YrCancerI | 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 |
| 1447 | ALL | 289118.4 | 3920582 | 1.14E-07 | 5YrCancerI | 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 |
| 1448 | ALL | 289168.4 | 3920582 | 1.12E-07 | 5YrCancerI | 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 |
| 1449 | ALL | 289218.4 | 3920582 | 1.10E-07 | 5YrCancerI | 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 |
| 1450 | ALL | 289268.4 | 3920582 | 1.08E-07 | 5YrCancerI | 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 |
| 1451 | ALL | 289318.4 | 3920582 | 1.06E-07 | 5YrCancerI | 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 |
| 1452 | ALL | 289368.4 | 3920582 | 1.04E-07 | 5YrCancerI | 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 |
| 1453 | ALL | 289418.4 | 3920582 | 1.03E-07 | 5YrCancerI | 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 |
| 1454 | ALL | 289468.4 | 3920582 | 1.01E-07 | 5YrCancerI | 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 |
| 1455 | ALL | 289518.4 | 3920582 | 9.94E-08 | 5YrCancerI | 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 |
| 1456 | ALL | 289568.4 | 3920582 | 9.78E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1457 | ALL | 289618.4 | 3920582 | 9.62E-08 | 5YrCancerI | 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 |
| 1458 | ALL | 289668.4 | 3920582 | 9.47E-08 | 5YrCancerI | 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 |
| 1459 | ALL | 289718.4 | 3920582 | 9.32E-08 | 5YrCancerI | 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 |
| 1460 | ALL | 289768.4 | 3920582 | 9.18E-08 | 5YrCancerI | 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 |
| 1461 | ALL | 289818.4 | 3920582 | 9.04E-08 | 5YrCancerI | 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 |
| 1462 | ALL | 289868.4 | 3920582 | 8.90E-08 | 5YrCancerI | 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 |
| 1463 | ALL | 289918.4 | 3920582 | 8.77E-08 | 5YrCancerI | 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 |
| 1464 | ALL | 289968.4 | 3920582 | 8.65E-08 | 5YrCancerI | 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 |
| 1465 | ALL | 290018.4 | 3920582 | 8.53E-08 | 5YrCancerI | 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 |
| 1466 | ALL | 290068.4 | 3920582 | 8.41E-08 | 5YrCancerI | 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 |
| 1467 | ALL | 290118.4 | 3920582 | 8.29E-08 | 5YrCancerI | 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 |
| 1468 | ALL | 290168.4 | 3920582 | 8.18E-08 | 5YrCancerI | 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 |
| 1469 | ALL | 290218.4 | 3920582 | 8.07E-08 | 5YrCancerI | 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 |
| 1470 | ALL | 290268.4 | 3920582 | 7.96E-08 | 5YrCancerI | 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 |
| 1471 | ALL | 290318.4 | 3920582 | 7.85E-08 | 5YrCancerI | 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 |
| 1472 | ALL | 290368.4 | 3920582 | 7.75E-08 | 5YrCancerI | 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 |
| 1473 | ALL | 290418.4 | 3920582 | 7.65E-08 | 5YrCancerI | 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 |
| 1474 | ALL | 290468.4 | 3920582 | 7.55E-08 | 5YrCancerI | 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 |
| 1475 | ALL | 290518.4 | 3920582 | 7.45E-08 | 5YrCancerI | 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 |
| 1476 | ALL | 290568.4 | 3920582 | 7.36E-08 | 5YrCancerI | 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 |
| 1477 | ALL | 290618.4 | 3920582 | 7.26E-08 | 5YrCancerI | 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 |
| 1478 | ALL | 289068.4 | 3920632 | 1.17E-07 | 5YrCancerI | 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 |
| 1479 | ALL | 289118.4 | 3920632 | 1.15E-07 | 5YrCancerI | 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 |
| 1480 | ALL | 289168.4 | 3920632 | 1.13E-07 | 5YrCancerI | 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 |
| 1481 | ALL | 289218.4 | 3920632 | 1.11E-07 | 5YrCancerI | 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 |
| 1482 | ALL | 289268.4 | 3920632 | 1.09E-07 | 5YrCancerI | 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 |
| 1483 | ALL | 289318.4 | 3920632 | 1.07E-07 | 5YrCancerI | 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 |
| 1484 | ALL | 289368.4 | 3920632 | 1.05E-07 | 5YrCancerI | 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 |
| 1485 | ALL | 289418.4 | 3920632 | 1.04E-07 | 5YrCancerI | 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 |
| 1486 | ALL | 289468.4 | 3920632 | 1.02E-07 | 5YrCancerI | 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 |
| 1487 | ALL | 289518.4 | 3920632 | 1.00E-07 | 5YrCancerI | 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 |
| 1488 | ALL | 289568.4 | 3920632 | 9.84E-08 | 5YrCancerI | 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 |
| 1489 | ALL | 289618.4 | 3920632 | 9.68E-08 | 5YrCancerI | 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 |
| 1490 | ALL | 289668.4 | 3920632 | 9.53E-08 | 5YrCancerI | 9.53E-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 |
| 1491 | ALL | 289718.4 | 3920632 | 9.38E-08 | 5YrCancerI | 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 |
| 1492 | ALL | 289768.4 | 3920632 | 9.23E-08 | 5YrCancerI | 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 |
| 1493 | ALL | 289818.4 | 3920632 | 9.09E-08 | 5YrCancerI | 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 |
| 1494 | ALL | 289868.4 | 3920632 | 8.95E-08 | 5YrCancerI | 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 |
| 1495 | ALL | 289918.4 | 3920632 | 8.82E-08 | 5YrCancerI | 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 |
| 1496 | ALL | 289968.4 | 3920632 | 8.69E-08 | 5YrCancerI | 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 |
| 1497 | ALL | 290018.4 | 3920632 | 8.57E-08 | 5YrCancerI | 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 |
| 1498 | ALL | 290068.4 | 3920632 | 8.45E-08 | 5YrCancerI | 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 |
| 1499 | ALL | 290118.4 | 3920632 | 8.33E-08 | 5YrCancerI | 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 |
| 1500 | ALL | 290168.4 | 3920632 | 8.21E-08 | 5YrCancerI | 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 |
| 1501 | ALL | 290218.4 | 3920632 | 8.10E-08 | 5YrCancerI | 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 |
| 1502 | ALL | 290268.4 | 3920632 | 7.99E-08 | 5YrCancerI | 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 |
| 1503 | ALL | 290318.4 | 3920632 | 7.88E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1504 | ALL | 290368.4 | 3920632 | 7.78E-08 | 5YrCancerI | 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 |
| 1505 | ALL | 290418.4 | 3920632 | 7.67E-08 | 5YrCancerI | 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 |
| 1506 | ALL | 290468.4 | 3920632 | 7.57E-08 | 5YrCancerI | 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 |
| 1507 | ALL | 290518.4 | 3920632 | 7.47E-08 | 5YrCancerI | 7.47E-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 |
| 1508 | ALL | 290568.4 | 3920632 | 7.38E-08 | 5YrCancerI | 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 |
| 1509 | ALL | 290618.4 | 3920632 | 7.28E-08 | 5YrCancerI | 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 |
| 1510 | ALL | 289068.4 | 3920682 | 1.18E-07 | 5YrCancerI | 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 |
| 1511 | ALL | 289118.4 | 3920682 | 1.16E-07 | 5YrCancerI | 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 |
| 1512 | ALL | 289168.4 | 3920682 | 1.14E-07 | 5YrCancerI | 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 |
| 1513 | ALL | 289218.4 | 3920682 | 1.12E-07 | 5YrCancerI | 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 |
| 1514 | ALL | 289268.4 | 3920682 | 1.10E-07 | 5YrCancerI | 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 |
| 1515 | ALL | 289318.4 | 3920682 | 1.08E-07 | 5YrCancerI | 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 |
| 1516 | ALL | 289368.4 | 3920682 | 1.06E-07 | 5YrCancerI | 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 |
| 1517 | ALL | 289418.4 | 3920682 | 1.04E-07 | 5YrCancerI | 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 |
| 1518 | ALL | 289468.4 | 3920682 | 1.03E-07 | 5YrCancerI | 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 |
| 1519 | ALL | 289518.4 | 3920682 | 1.01E-07 | 5YrCancerI | 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 |
| 1520 | ALL | 289568.4 | 3920682 | 9.91E-08 | 5YrCancerI | 9.91E-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 |
| 1521 | ALL | 289618.4 | 3920682 | 9.75E-08 | 5YrCancerI | 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 |
| 1522 | ALL | 289668.4 | 3920682 | 9.59E-08 | 5YrCancerI | 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 |
| 1523 | ALL | 289718.4 | 3920682 | 9.44E-08 | 5YrCancerI | 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 |
| 1524 | ALL | 289768.4 | 3920682 | 9.29E-08 | 5YrCancerI | 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 |
| 1525 | ALL | 289818.4 | 3920682 | 9.14E-08 | 5YrCancerI | 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 |
| 1526 | ALL | 289868.4 | 3920682 | 9.00E-08 | 5YrCancerI | 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 |
| 1527 | ALL | 289918.4 | 3920682 | 8.87E-08 | 5YrCancerI | 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 |
| 1528 | ALL | 289968.4 | 3920682 | 8.74E-08 | 5YrCancerI | 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 |
| 1529 | ALL | 290018.4 | 3920682 | 8.61E-08 | 5YrCancerI | 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 |
| 1530 | ALL | 290068.4 | 3920682 | 8.49E-08 | 5YrCancerI | 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 |
| 1531 | ALL | 290118.4 | 3920682 | 8.37E-08 | 5YrCancerI | 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 |
| 1532 | ALL | 290168.4 | 3920682 | 8.25E-08 | 5YrCancerI | 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 |
| 1533 | ALL | 290218.4 | 3920682 | 8.14E-08 | 5YrCancerI | 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 |
| 1534 | ALL | 290268.4 | 3920682 | 8.02E-08 | 5YrCancerI | 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 |
| 1535 | ALL | 290318.4 | 3920682 | 7.91E-08 | 5YrCancerI | 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 |
| 1536 | ALL | 290368.4 | 3920682 | 7.80E-08 | 5YrCancerI | 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 |
| 1537 | ALL | 290418.4 | 3920682 | 7.70E-08 | 5YrCancerI | 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 |
| 1538 | ALL | 290468.4 | 3920682 | 7.59E-08 | 5YrCancerI | 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 |
| 1539 | ALL | 290518.4 | 3920682 | 7.49E-08 | 5YrCancerI | 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 |
| 1540 | ALL | 290568.4 | 3920682 | 7.40E-08 | 5YrCancerI | 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 |
| 1541 | ALL | 290618.4 | 3920682 | 7.30E-08 | 5YrCancerI | 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 |
| 1542 | ALL | 289068.4 | 3920732 | 1.20E-07 | 5YrCancerI | 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 |
| 1543 | ALL | 289118.4 | 3920732 | 1.17E-07 | 5YrCancerI | 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 |
| 1544 | ALL | 289168.4 | 3920732 | 1.15E-07 | 5YrCancerI | 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 |
| 1545 | ALL | 289218.4 | 3920732 | 1.13E-07 | 5YrCancerI | 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 |
| 1546 | ALL | 289268.4 | 3920732 | 1.11E-07 | 5YrCancerI | 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 |
| 1547 | ALL | 289318.4 | 3920732 | 1.09E-07 | 5YrCancerI | 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 |
| 1548 | ALL | 289368.4 | 3920732 | 1.07E-07 | 5YrCancerI | 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 |
| 1549 | ALL | 289418.4 | 3920732 | 1.05E-07 | 5YrCancerI | 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 |
| 1550 | ALL | 289468.4 | 3920732 | 1.03E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1551 | ALL | 289518.4 | 3920732 | 1.02E-07 | 5YrCancerI | 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 |
| 1552 | ALL | 289568.4 | 3920732 | 9.98E-08 | 5YrCancerI | 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 |
| 1553 | ALL | 289618.4 | 3920732 | 9.81E-08 | 5YrCancerI | 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 |
| 1554 | ALL | 289668.4 | 3920732 | 9.65E-08 | 5YrCancerI | 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 |
| 1555 | ALL | 289718.4 | 3920732 | 9.49E-08 | 5YrCancerI | 9.49E-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 |
| 1556 | ALL | 289768.4 | 3920732 | 9.34E-08 | 5YrCancerI | 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 |
| 1557 | ALL | 289818.4 | 3920732 | 9.20E-08 | 5YrCancerI | 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 |
| 1558 | ALL | 289868.4 | 3920732 | 9.05E-08 | 5YrCancerI | 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 |
| 1559 | ALL | 289918.4 | 3920732 | 8.92E-08 | 5YrCancerI | 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 |
| 1560 | ALL | 289968.4 | 3920732 | 8.78E-08 | 5YrCancerI | 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 |
| 1561 | ALL | 290018.4 | 3920732 | 8.65E-08 | 5YrCancerI | 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 |
| 1562 | ALL | 290068.4 | 3920732 | 8.53E-08 | 5YrCancerI | 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 |
| 1563 | ALL | 290118.4 | 3920732 | 8.40E-08 | 5YrCancerI | 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 |
| 1564 | ALL | 290168.4 | 3920732 | 8.28E-08 | 5YrCancerI | 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 |
| 1565 | ALL | 290218.4 | 3920732 | 8.17E-08 | 5YrCancerI | 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 |
| 1566 | ALL | 290268.4 | 3920732 | 8.05E-08 | 5YrCancerI | 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 |
| 1567 | ALL | 290318.4 | 3920732 | 7.94E-08 | 5YrCancerI | 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 |
| 1568 | ALL | 290368.4 | 3920732 | 7.83E-08 | 5YrCancerI | 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 |
| 1569 | ALL | 290418.4 | 3920732 | 7.72E-08 | 5YrCancerI | 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 |
| 1570 | ALL | 290468.4 | 3920732 | 7.62E-08 | 5YrCancerI | 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 |
| 1571 | ALL | 290518.4 | 3920732 | 7.52E-08 | 5YrCancerI | 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 |
| 1572 | ALL | 290568.4 | 3920732 | 7.42E-08 | 5YrCancerI | 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 |
| 1573 | ALL | 290618.4 | 3920732 | 7.32E-08 | 5YrCancerI | 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 |
| 1574 | ALL | 289068.4 | 3920782 | 1.21E-07 | 5YrCancerI | 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 |
| 1575 | ALL | 289118.4 | 3920782 | 1.19E-07 | 5YrCancerI | 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 |
| 1576 | ALL | 289168.4 | 3920782 | 1.16E-07 | 5YrCancerI | 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 |
| 1577 | ALL | 289218.4 | 3920782 | 1.14E-07 | 5YrCancerI | 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 |
| 1578 | ALL | 289268.4 | 3920782 | 1.12E-07 | 5YrCancerI | 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 |
| 1579 | ALL | 289318.4 | 3920782 | 1.10E-07 | 5YrCancerI | 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 |
| 1580 | ALL | 289368.4 | 3920782 | 1.08E-07 | 5YrCancerI | 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 |
| 1581 | ALL | 289418.4 | 3920782 | 1.06E-07 | 5YrCancerI | 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 |
| 1582 | ALL | 289468.4 | 3920782 | 1.04E-07 | 5YrCancerI | 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 |
| 1583 | ALL | 289518.4 | 3920782 | 1.02E-07 | 5YrCancerI | 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 |
| 1584 | ALL | 289568.4 | 3920782 | 1.01E-07 | 5YrCancerI | 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 |
| 1585 | ALL | 289618.4 | 3920782 | 9.88E-08 | 5YrCancerI | 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 |
| 1586 | ALL | 289668.4 | 3920782 | 9.71E-08 | 5YrCancerI | 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 |
| 1587 | ALL | 289718.4 | 3920782 | 9.55E-08 | 5YrCancerI | 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 |
| 1588 | ALL | 289768.4 | 3920782 | 9.40E-08 | 5YrCancerI | 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 |
| 1589 | ALL | 289818.4 | 3920782 | 9.25E-08 | 5YrCancerI | 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 |
| 1590 | ALL | 289868.4 | 3920782 | 9.10E-08 | 5YrCancerI | 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 |
| 1591 | ALL | 289918.4 | 3920782 | 8.96E-08 | 5YrCancerI | 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 |
| 1592 | ALL | 289968.4 | 3920782 | 8.82E-08 | 5YrCancerI | 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 |
| 1593 | ALL | 290018.4 | 3920782 | 8.69E-08 | 5YrCancerI | 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 |
| 1594 | ALL | 290068.4 | 3920782 | 8.56E-08 | 5YrCancerI | 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 |
| 1595 | ALL | 290118.4 | 3920782 | 8.44E-08 | 5YrCancerI | 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 |
| 1596 | ALL | 290168.4 | 3920782 | 8.32E-08 | 5YrCancerI | 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 |
| 1597 | ALL | 290218.4 | 3920782 | 8.20E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1598 | ALL | 290268.4 | 3920782 | 8.08E-08 | 5YrCancerI | 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 |
| 1599 | ALL | 290318.4 | 3920782 | 7.97E-08 | 5YrCancerI | 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 |
| 1600 | ALL | 290368.4 | 3920782 | 7.85E-08 | 5YrCancerI | 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 |
| 1601 | ALL | 290418.4 | 3920782 | 7.74E-08 | 5YrCancerI | 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 |
| 1602 | ALL | 290468.4 | 3920782 | 7.64E-08 | 5YrCancerI | 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 |
| 1603 | ALL | 290518.4 | 3920782 | 7.53E-08 | 5YrCancerI | 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 |
| 1604 | ALL | 290568.4 | 3920782 | 7.43E-08 | 5YrCancerI | 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 |
| 1605 | ALL | 290618.4 | 3920782 | 7.33E-08 | 5YrCancerI | 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 |
| 1606 | ALL | 289068.4 | 3920832 | 1.22E-07 | 5YrCancerI | 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 |
| 1607 | ALL | 289118.4 | 3920832 | 1.20E-07 | 5YrCancerI | 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 |
| 1608 | ALL | 289168.4 | 3920832 | 1.17E-07 | 5YrCancerI | 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 |
| 1609 | ALL | 289218.4 | 3920832 | 1.15E-07 | 5YrCancerI | 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 |
| 1610 | ALL | 289268.4 | 3920832 | 1.13E-07 | 5YrCancerI | 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 |
| 1611 | ALL | 289318.4 | 3920832 | 1.11E-07 | 5YrCancerI | 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 |
| 1612 | ALL | 289368.4 | 3920832 | 1.09E-07 | 5YrCancerI | 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 |
| 1613 | ALL | 289418.4 | 3920832 | 1.07E-07 | 5YrCancerI | 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 |
| 1614 | ALL | 289468.4 | 3920832 | 1.05E-07 | 5YrCancerI | 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 |
| 1615 | ALL | 289518.4 | 3920832 | 1.03E-07 | 5YrCancerI | 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 |
| 1616 | ALL | 289568.4 | 3920832 | 1.01E-07 | 5YrCancerI | 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 |
| 1617 | ALL | 289618.4 | 3920832 | 9.94E-08 | 5YrCancerI | 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 |
| 1618 | ALL | 289668.4 | 3920832 | 9.77E-08 | 5YrCancerI | 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 |
| 1619 | ALL | 289718.4 | 3920832 | 9.61E-08 | 5YrCancerI | 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 |
| 1620 | ALL | 289768.4 | 3920832 | 9.45E-08 | 5YrCancerI | 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 |
| 1621 | ALL | 289818.4 | 3920832 | 9.30E-08 | 5YrCancerI | 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 |
| 1622 | ALL | 289868.4 | 3920832 | 9.15E-08 | 5YrCancerI | 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 |
| 1623 | ALL | 289918.4 | 3920832 | 9.00E-08 | 5YrCancerI | 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 |
| 1624 | ALL | 289968.4 | 3920832 | 8.86E-08 | 5YrCancerI | 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 |
| 1625 | ALL | 290018.4 | 3920832 | 8.73E-08 | 5YrCancerI | 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 |
| 1626 | ALL | 290068.4 | 3920832 | 8.59E-08 | 5YrCancerI | 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 |
| 1627 | ALL | 290118.4 | 3920832 | 8.47E-08 | 5YrCancerI | 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 |
| 1628 | ALL | 290168.4 | 3920832 | 8.34E-08 | 5YrCancerI | 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 |
| 1629 | ALL | 290218.4 | 3920832 | 8.22E-08 | 5YrCancerI | 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 |
| 1630 | ALL | 290268.4 | 3920832 | 8.11E-08 | 5YrCancerI | 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 |
| 1631 | ALL | 290318.4 | 3920832 | 7.99E-08 | 5YrCancerI | 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 |
| 1632 | ALL | 290368.4 | 3920832 | 7.88E-08 | 5YrCancerI | 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 |
| 1633 | ALL | 290418.4 | 3920832 | 7.77E-08 | 5YrCancerI | 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 |
| 1634 | ALL | 290468.4 | 3920832 | 7.66E-08 | 5YrCancerI | 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 |
| 1635 | ALL | 290518.4 | 3920832 | 7.55E-08 | 5YrCancerI | 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 |
| 1636 | ALL | 290568.4 | 3920832 | 7.45E-08 | 5YrCancerI | 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 |
| 1637 | ALL | 290618.4 | 3920832 | 7.35E-08 | 5YrCancerI | 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 |
| 1638 | ALL | 289068.4 | 3920882 | 1.23E-07 | 5YrCancerI | 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 |
| 1639 | ALL | 289118.4 | 3920882 | 1.21E-07 | 5YrCancerI | 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 |
| 1640 | ALL | 289168.4 | 3920882 | 1.19E-07 | 5YrCancerI | 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 |
| 1641 | ALL | 289218.4 | 3920882 | 1.16E-07 | 5YrCancerI | 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 |
| 1642 | ALL | 289268.4 | 3920882 | 1.14E-07 | 5YrCancerI | 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 |
| 1643 | ALL | 289318.4 | 3920882 | 1.12E-07 | 5YrCancerI | 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 |
| 1644 | ALL | 289368.4 | 3920882 | 1.10E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1645 | ALL | 289418.4 | 3920882 | 1.08E-07 | 5YrCancerI | 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 |
| 1646 | ALL | 289468.4 | 3920882 | 1.06E-07 | 5YrCancerI | 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 |
| 1647 | ALL | 289518.4 | 3920882 | 1.04E-07 | 5YrCancerI | 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 |
| 1648 | ALL | 289568.4 | 3920882 | 1.02E-07 | 5YrCancerI | 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 |
| 1649 | ALL | 289618.4 | 3920882 | 1.00E-07 | 5YrCancerI | 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 |
| 1650 | ALL | 289668.4 | 3920882 | 9.83E-08 | 5YrCancerI | 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 |
| 1651 | ALL | 289718.4 | 3920882 | 9.66E-08 | 5YrCancerI | 9.66E-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 |
| 1652 | ALL | 289768.4 | 3920882 | 9.50E-08 | 5YrCancerI | 9.50E-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 |
| 1653 | ALL | 289818.4 | 3920882 | 9.34E-08 | 5YrCancerI | 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 |
| 1654 | ALL | 289868.4 | 3920882 | 9.19E-08 | 5YrCancerI | 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 |
| 1655 | ALL | 289918.4 | 3920882 | 9.04E-08 | 5YrCancerI | 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 |
| 1656 | ALL | 289968.4 | 3920882 | 8.90E-08 | 5YrCancerI | 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 |
| 1657 | ALL | 290018.4 | 3920882 | 8.76E-08 | 5YrCancerI | 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 |
| 1658 | ALL | 290068.4 | 3920882 | 8.62E-08 | 5YrCancerI | 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 |
| 1659 | ALL | 290118.4 | 3920882 | 8.49E-08 | 5YrCancerI | 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 |
| 1660 | ALL | 290168.4 | 3920882 | 8.37E-08 | 5YrCancerI | 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 |
| 1661 | ALL | 290218.4 | 3920882 | 8.24E-08 | 5YrCancerI | 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 |
| 1662 | ALL | 290268.4 | 3920882 | 8.12E-08 | 5YrCancerI | 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 |
| 1663 | ALL | 290318.4 | 3920882 | 8.01E-08 | 5YrCancerI | 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 |
| 1664 | ALL | 290368.4 | 3920882 | 7.89E-08 | 5YrCancerI | 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 |
| 1665 | ALL | 290418.4 | 3920882 | 7.78E-08 | 5YrCancerI | 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 |
| 1666 | ALL | 290468.4 | 3920882 | 7.67E-08 | 5YrCancerI | 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 |
| 1667 | ALL | 290518.4 | 3920882 | 7.56E-08 | 5YrCancerI | 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 |
| 1668 | ALL | 290568.4 | 3920882 | 7.46E-08 | 5YrCancerI | 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 |
| 1669 | ALL | 290618.4 | 3920882 | 7.37E-08 | 5YrCancerI | 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 |
| 1670 | ALL | 289068.4 | 3920932 | 1.25E-07 | 5YrCancerI | 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 |
| 1671 | ALL | 289118.4 | 3920932 | 1.22E-07 | 5YrCancerI | 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 |
| 1672 | ALL | 289168.4 | 3920932 | 1.20E-07 | 5YrCancerI | 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 |
| 1673 | ALL | 289218.4 | 3920932 | 1.17E-07 | 5YrCancerI | 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 |
| 1674 | ALL | 289268.4 | 3920932 | 1.15E-07 | 5YrCancerI | 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 |
| 1675 | ALL | 289318.4 | 3920932 | 1.13E-07 | 5YrCancerI | 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 |
| 1676 | ALL | 289368.4 | 3920932 | 1.10E-07 | 5YrCancerI | 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 |
| 1677 | ALL | 289418.4 | 3920932 | 1.08E-07 | 5YrCancerI | 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 |
| 1678 | ALL | 289468.4 | 3920932 | 1.06E-07 | 5YrCancerI | 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 |
| 1679 | ALL | 289518.4 | 3920932 | 1.04E-07 | 5YrCancerI | 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 |
| 1680 | ALL | 289568.4 | 3920932 | 1.02E-07 | 5YrCancerI | 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 |
| 1681 | ALL | 289618.4 | 3920932 | 1.01E-07 | 5YrCancerI | 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 |
| 1682 | ALL | 289668.4 | 3920932 | 9.88E-08 | 5YrCancerI | 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 |
| 1683 | ALL | 289718.4 | 3920932 | 9.71E-08 | 5YrCancerI | 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 |
| 1684 | ALL | 289768.4 | 3920932 | 9.55E-08 | 5YrCancerI | 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 |
| 1685 | ALL | 289818.4 | 3920932 | 9.38E-08 | 5YrCancerI | 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 |
| 1686 | ALL | 289868.4 | 3920932 | 9.23E-08 | 5YrCancerI | 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 |
| 1687 | ALL | 289918.4 | 3920932 | 9.08E-08 | 5YrCancerI | 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 |
| 1688 | ALL | 289968.4 | 3920932 | 8.93E-08 | 5YrCancerI | 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 |
| 1689 | ALL | 290018.4 | 3920932 | 8.79E-08 | 5YrCancerI | 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 |
| 1690 | ALL | 290068.4 | 3920932 | 8.65E-08 | 5YrCancerI | 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 |
| 1691 | ALL | 290118.4 | 3920932 | 8.52E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1692 | ALL | 290168.4 | 3920932 | 8.39E-08 | 5YrCancerI | 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 |
| 1693 | ALL | 290218.4 | 3920932 | 8.26E-08 | 5YrCancerI | 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 |
| 1694 | ALL | 290268.4 | 3920932 | 8.14E-08 | 5YrCancerI | 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 |
| 1695 | ALL | 290318.4 | 3920932 | 8.02E-08 | 5YrCancerI | 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 |
| 1696 | ALL | 290368.4 | 3920932 | 7.91E-08 | 5YrCancerI | 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 |
| 1697 | ALL | 290418.4 | 3920932 | 7.79E-08 | 5YrCancerI | 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 |
| 1698 | ALL | 290468.4 | 3920932 | 7.68E-08 | 5YrCancerI | 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 |
| 1699 | ALL | 290518.4 | 3920932 | 7.57E-08 | 5YrCancerI | 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 |
| 1700 | ALL | 290568.4 | 3920932 | 7.47E-08 | 5YrCancerI | 7.47E-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 |
| 1701 | ALL | 290618.4 | 3920932 | 7.38E-08 | 5YrCancerI | 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 |
| 1702 | ALL | 289068.4 | 3920982 | 1.26E-07 | 5YrCancerI | 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 |
| 1703 | ALL | 289118.4 | 3920982 | 1.23E-07 | 5YrCancerI | 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 |
| 1704 | ALL | 289168.4 | 3920982 | 1.21E-07 | 5YrCancerI | 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 |
| 1705 | ALL | 289218.4 | 3920982 | 1.18E-07 | 5YrCancerI | 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 |
| 1706 | ALL | 289268.4 | 3920982 | 1.16E-07 | 5YrCancerI | 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 |
| 1707 | ALL | 289318.4 | 3920982 | 1.13E-07 | 5YrCancerI | 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 |
| 1708 | ALL | 289368.4 | 3920982 | 1.11E-07 | 5YrCancerI | 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 |
| 1709 | ALL | 289418.4 | 3920982 | 1.09E-07 | 5YrCancerI | 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 |
| 1710 | ALL | 289468.4 | 3920982 | 1.07E-07 | 5YrCancerI | 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 |
| 1711 | ALL | 289518.4 | 3920982 | 1.05E-07 | 5YrCancerI | 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 |
| 1712 | ALL | 289568.4 | 3920982 | 1.03E-07 | 5YrCancerI | 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 |
| 1713 | ALL | 289618.4 | 3920982 | 1.01E-07 | 5YrCancerI | 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 |
| 1714 | ALL | 289668.4 | 3920982 | 9.93E-08 | 5YrCancerI | 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 |
| 1715 | ALL | 289718.4 | 3920982 | 9.76E-08 | 5YrCancerI | 9.76E-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 |
| 1716 | ALL | 289768.4 | 3920982 | 9.59E-08 | 5YrCancerI | 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 |
| 1717 | ALL | 289818.4 | 3920982 | 9.42E-08 | 5YrCancerI | 9.42E-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 |
| 1718 | ALL | 289868.4 | 3920982 | 9.26E-08 | 5YrCancerI | 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 |
| 1719 | ALL | 289918.4 | 3920982 | 9.11E-08 | 5YrCancerI | 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 |
| 1720 | ALL | 289968.4 | 3920982 | 8.96E-08 | 5YrCancerI | 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 |
| 1721 | ALL | 290018.4 | 3920982 | 8.81E-08 | 5YrCancerI | 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 |
| 1722 | ALL | 290068.4 | 3920982 | 8.67E-08 | 5YrCancerI | 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 |
| 1723 | ALL | 290118.4 | 3920982 | 8.54E-08 | 5YrCancerI | 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 |
| 1724 | ALL | 290168.4 | 3920982 | 8.41E-08 | 5YrCancerI | 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 |
| 1725 | ALL | 290218.4 | 3920982 | 8.28E-08 | 5YrCancerI | 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 |
| 1726 | ALL | 290268.4 | 3920982 | 8.15E-08 | 5YrCancerI | 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 |
| 1727 | ALL | 290318.4 | 3920982 | 8.03E-08 | 5YrCancerI | 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 |
| 1728 | ALL | 290368.4 | 3920982 | 7.92E-08 | 5YrCancerI | 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 |
| 1729 | ALL | 290418.4 | 3920982 | 7.80E-08 | 5YrCancerI | 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 |
| 1730 | ALL | 290468.4 | 3920982 | 7.69E-08 | 5YrCancerI | 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 |
| 1731 | ALL | 290518.4 | 3920982 | 7.59E-08 | 5YrCancerI | 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 |
| 1732 | ALL | 290568.4 | 3920982 | 7.49E-08 | 5YrCancerI | 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 |
| 1733 | ALL | 290618.4 | 3920982 | 7.39E-08 | 5YrCancerI | 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 |
| 1734 | ALL | 290668.4 | 3920982 | 7.29E-08 | 5YrCancerI | 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 |
| 1735 | ALL | 289068.4 | 3921032 | 1.27E-07 | 5YrCancerI | 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 |
| 1736 | ALL | 289118.4 | 3921032 | 1.24E-07 | 5YrCancerI | 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 |
| 1737 | ALL | 289168.4 | 3921032 | 1.22E-07 | 5YrCancerI | 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 |
| 1738 | ALL | 289218.4 | 3921032 | 1.19E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1739 | ALL | 289268.4 | 3921032 | 1.16E-07 | 5YrCancerI | 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 |
| 1740 | ALL | 289318.4 | 3921032 | 1.14E-07 | 5YrCancerI | 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 |
| 1741 | ALL | 289368.4 | 3921032 | 1.12E-07 | 5YrCancerI | 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 |
| 1742 | ALL | 289418.4 | 3921032 | 1.10E-07 | 5YrCancerI | 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 |
| 1743 | ALL | 289468.4 | 3921032 | 1.07E-07 | 5YrCancerI | 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 |
| 1744 | ALL | 289518.4 | 3921032 | 1.05E-07 | 5YrCancerI | 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 |
| 1745 | ALL | 289568.4 | 3921032 | 1.03E-07 | 5YrCancerI | 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 |
| 1746 | ALL | 289618.4 | 3921032 | 1.02E-07 | 5YrCancerI | 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 |
| 1747 | ALL | 289668.4 | 3921032 | 9.97E-08 | 5YrCancerI | 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 |
| 1748 | ALL | 289718.4 | 3921032 | 9.80E-08 | 5YrCancerI | 9.80E-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 |
| 1749 | ALL | 289768.4 | 3921032 | 9.62E-08 | 5YrCancerI | 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 |
| 1750 | ALL | 289818.4 | 3921032 | 9.45E-08 | 5YrCancerI | 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 |
| 1751 | ALL | 289868.4 | 3921032 | 9.29E-08 | 5YrCancerI | 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 |
| 1752 | ALL | 289918.4 | 3921032 | 9.13E-08 | 5YrCancerI | 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 |
| 1753 | ALL | 289968.4 | 3921032 | 8.98E-08 | 5YrCancerI | 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 |
| 1754 | ALL | 290018.4 | 3921032 | 8.83E-08 | 5YrCancerI | 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 |
| 1755 | ALL | 290068.4 | 3921032 | 8.69E-08 | 5YrCancerI | 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 |
| 1756 | ALL | 290118.4 | 3921032 | 8.55E-08 | 5YrCancerI | 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 |
| 1757 | ALL | 290168.4 | 3921032 | 8.42E-08 | 5YrCancerI | 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 |
| 1758 | ALL | 290218.4 | 3921032 | 8.30E-08 | 5YrCancerI | 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 |
| 1759 | ALL | 290268.4 | 3921032 | 8.17E-08 | 5YrCancerI | 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 |
| 1760 | ALL | 290318.4 | 3921032 | 8.05E-08 | 5YrCancerI | 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 |
| 1761 | ALL | 290368.4 | 3921032 | 7.93E-08 | 5YrCancerI | 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 |
| 1762 | ALL | 290418.4 | 3921032 | 7.82E-08 | 5YrCancerI | 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 |
| 1763 | ALL | 290468.4 | 3921032 | 7.71E-08 | 5YrCancerI | 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 |
| 1764 | ALL | 290518.4 | 3921032 | 7.60E-08 | 5YrCancerI | 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 |
| 1765 | ALL | 290568.4 | 3921032 | 7.50E-08 | 5YrCancerI | 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 |
| 1766 | ALL | 290618.4 | 3921032 | 7.40E-08 | 5YrCancerI | 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 |
| 1767 | ALL | 290668.4 | 3921032 | 7.30E-08 | 5YrCancerI | 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 |
| 1768 | ALL | 289068.4 | 3921082 | 1.28E-07 | 5YrCancerI | 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 |
| 1769 | ALL | 289118.4 | 3921082 | 1.25E-07 | 5YrCancerI | 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 |
| 1770 | ALL | 289168.4 | 3921082 | 1.22E-07 | 5YrCancerI | 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 |
| 1771 | ALL | 289218.4 | 3921082 | 1.20E-07 | 5YrCancerI | 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 |
| 1772 | ALL | 289268.4 | 3921082 | 1.17E-07 | 5YrCancerI | 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 |
| 1773 | ALL | 289318.4 | 3921082 | 1.15E-07 | 5YrCancerI | 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 |
| 1774 | ALL | 289368.4 | 3921082 | 1.12E-07 | 5YrCancerI | 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 |
| 1775 | ALL | 289418.4 | 3921082 | 1.10E-07 | 5YrCancerI | 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 |
| 1776 | ALL | 289468.4 | 3921082 | 1.08E-07 | 5YrCancerI | 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 |
| 1777 | ALL | 289518.4 | 3921082 | 1.06E-07 | 5YrCancerI | 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 |
| 1778 | ALL | 289568.4 | 3921082 | 1.04E-07 | 5YrCancerI | 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 |
| 1779 | ALL | 289618.4 | 3921082 | 1.02E-07 | 5YrCancerI | 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 |
| 1780 | ALL | 289668.4 | 3921082 | 1.00E-07 | 5YrCancerI | 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 |
| 1781 | ALL | 289718.4 | 3921082 | 9.84E-08 | 5YrCancerI | 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 |
| 1782 | ALL | 289768.4 | 3921082 | 9.66E-08 | 5YrCancerI | 9.66E-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 |
| 1783 | ALL | 289818.4 | 3921082 | 9.48E-08 | 5YrCancerI | 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 |
| 1784 | ALL | 289868.4 | 3921082 | 9.32E-08 | 5YrCancerI | 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 |
| 1785 | ALL | 289918.4 | 3921082 | 9.16E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1786 | ALL | 289968.4 | 3921082 | 9.00E-08 | 5YrCancerI | 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 |
| 1787 | ALL | 290018.4 | 3921082 | 8.85E-08 | 5YrCancerI | 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 |
| 1788 | ALL | 290068.4 | 3921082 | 8.71E-08 | 5YrCancerI | 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 |
| 1789 | ALL | 290118.4 | 3921082 | 8.57E-08 | 5YrCancerI | 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 |
| 1790 | ALL | 290168.4 | 3921082 | 8.44E-08 | 5YrCancerI | 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 |
| 1791 | ALL | 290218.4 | 3921082 | 8.31E-08 | 5YrCancerI | 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 |
| 1792 | ALL | 290268.4 | 3921082 | 8.19E-08 | 5YrCancerI | 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 |
| 1793 | ALL | 290318.4 | 3921082 | 8.06E-08 | 5YrCancerI | 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 |
| 1794 | ALL | 290368.4 | 3921082 | 7.95E-08 | 5YrCancerI | 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 |
| 1795 | ALL | 290418.4 | 3921082 | 7.83E-08 | 5YrCancerI | 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 |
| 1796 | ALL | 290468.4 | 3921082 | 7.72E-08 | 5YrCancerI | 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 |
| 1797 | ALL | 290518.4 | 3921082 | 7.61E-08 | 5YrCancerI | 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 |
| 1798 | ALL | 290568.4 | 3921082 | 7.51E-08 | 5YrCancerI | 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 |
| 1799 | ALL | 290618.4 | 3921082 | 7.41E-08 | 5YrCancerI | 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 |
| 1800 | ALL | 290668.4 | 3921082 | 7.31E-08 | 5YrCancerI | 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 |
| 1801 | ALL | 289068.4 | 3921132 | 1.29E-07 | 5YrCancerI | 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 |
| 1802 | ALL | 289118.4 | 3921132 | 1.26E-07 | 5YrCancerI | 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 |
| 1803 | ALL | 289168.4 | 3921132 | 1.23E-07 | 5YrCancerI | 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 |
| 1804 | ALL | 289218.4 | 3921132 | 1.21E-07 | 5YrCancerI | 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 |
| 1805 | ALL | 289268.4 | 3921132 | 1.18E-07 | 5YrCancerI | 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 |
| 1806 | ALL | 289318.4 | 3921132 | 1.15E-07 | 5YrCancerI | 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 |
| 1807 | ALL | 289368.4 | 3921132 | 1.13E-07 | 5YrCancerI | 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 |
| 1808 | ALL | 289418.4 | 3921132 | 1.11E-07 | 5YrCancerI | 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 |
| 1809 | ALL | 289468.4 | 3921132 | 1.08E-07 | 5YrCancerI | 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 |
| 1810 | ALL | 289518.4 | 3921132 | 1.06E-07 | 5YrCancerI | 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 |
| 1811 | ALL | 289568.4 | 3921132 | 1.04E-07 | 5YrCancerI | 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 |
| 1812 | ALL | 289618.4 | 3921132 | 1.02E-07 | 5YrCancerI | 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 |
| 1813 | ALL | 289668.4 | 3921132 | 1.00E-07 | 5YrCancerI | 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 |
| 1814 | ALL | 289718.4 | 3921132 | 9.87E-08 | 5YrCancerI | 9.87E-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 |
| 1815 | ALL | 289768.4 | 3921132 | 9.69E-08 | 5YrCancerI | 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 |
| 1816 | ALL | 289818.4 | 3921132 | 9.51E-08 | 5YrCancerI | 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 |
| 1817 | ALL | 289868.4 | 3921132 | 9.34E-08 | 5YrCancerI | 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 |
| 1818 | ALL | 289918.4 | 3921132 | 9.18E-08 | 5YrCancerI | 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 |
| 1819 | ALL | 289968.4 | 3921132 | 9.02E-08 | 5YrCancerI | 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 |
| 1820 | ALL | 290018.4 | 3921132 | 8.87E-08 | 5YrCancerI | 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 |
| 1821 | ALL | 290068.4 | 3921132 | 8.73E-08 | 5YrCancerI | 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 |
| 1822 | ALL | 290118.4 | 3921132 | 8.59E-08 | 5YrCancerI | 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 |
| 1823 | ALL | 290168.4 | 3921132 | 8.45E-08 | 5YrCancerI | 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 |
| 1824 | ALL | 290218.4 | 3921132 | 8.32E-08 | 5YrCancerI | 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 |
| 1825 | ALL | 290268.4 | 3921132 | 8.20E-08 | 5YrCancerI | 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 |
| 1826 | ALL | 290318.4 | 3921132 | 8.08E-08 | 5YrCancerI | 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 |
| 1827 | ALL | 290368.4 | 3921132 | 7.96E-08 | 5YrCancerI | 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 |
| 1828 | ALL | 290418.4 | 3921132 | 7.85E-08 | 5YrCancerI | 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 |
| 1829 | ALL | 290468.4 | 3921132 | 7.73E-08 | 5YrCancerI | 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 |
| 1830 | ALL | 290518.4 | 3921132 | 7.62E-08 | 5YrCancerI | 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 |
| 1831 | ALL | 290568.4 | 3921132 | 7.52E-08 | 5YrCancerI | 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 |
| 1832 | ALL | 290618.4 | 3921132 | 7.41E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1833 | ALL | 290668.4 | 3921132 | 7.31E-08 | 5YrCancerI | 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 |
| 1834 | ALL | 289068.4 | 3921182 | 1.30E-07 | 5YrCancerI | 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 |
| 1835 | ALL | 289118.4 | 3921182 | 1.27E-07 | 5YrCancerI | 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 |
| 1836 | ALL | 289168.4 | 3921182 | 1.24E-07 | 5YrCancerI | 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 |
| 1837 | ALL | 289218.4 | 3921182 | 1.21E-07 | 5YrCancerI | 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 |
| 1838 | ALL | 289268.4 | 3921182 | 1.19E-07 | 5YrCancerI | 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 |
| 1839 | ALL | 289318.4 | 3921182 | 1.16E-07 | 5YrCancerI | 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 |
| 1840 | ALL | 289368.4 | 3921182 | 1.13E-07 | 5YrCancerI | 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 |
| 1841 | ALL | 289418.4 | 3921182 | 1.11E-07 | 5YrCancerI | 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 |
| 1842 | ALL | 289468.4 | 3921182 | 1.09E-07 | 5YrCancerI | 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 |
| 1843 | ALL | 289518.4 | 3921182 | 1.07E-07 | 5YrCancerI | 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 |
| 1844 | ALL | 289568.4 | 3921182 | 1.04E-07 | 5YrCancerI | 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 |
| 1845 | ALL | 289618.4 | 3921182 | 1.02E-07 | 5YrCancerI | 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 |
| 1846 | ALL | 289668.4 | 3921182 | 1.01E-07 | 5YrCancerI | 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 |
| 1847 | ALL | 289718.4 | 3921182 | 9.89E-08 | 5YrCancerI | 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 |
| 1848 | ALL | 289768.4 | 3921182 | 9.71E-08 | 5YrCancerI | 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 |
| 1849 | ALL | 289818.4 | 3921182 | 9.54E-08 | 5YrCancerI | 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 |
| 1850 | ALL | 289868.4 | 3921182 | 9.37E-08 | 5YrCancerI | 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 |
| 1851 | ALL | 289918.4 | 3921182 | 9.20E-08 | 5YrCancerI | 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 |
| 1852 | ALL | 289968.4 | 3921182 | 9.04E-08 | 5YrCancerI | 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 |
| 1853 | ALL | 290018.4 | 3921182 | 8.89E-08 | 5YrCancerI | 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 |
| 1854 | ALL | 290068.4 | 3921182 | 8.74E-08 | 5YrCancerI | 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 |
| 1855 | ALL | 290118.4 | 3921182 | 8.60E-08 | 5YrCancerI | 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 |
| 1856 | ALL | 290168.4 | 3921182 | 8.47E-08 | 5YrCancerI | 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 |
| 1857 | ALL | 290218.4 | 3921182 | 8.34E-08 | 5YrCancerI | 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 |
| 1858 | ALL | 290268.4 | 3921182 | 8.21E-08 | 5YrCancerI | 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 |
| 1859 | ALL | 290318.4 | 3921182 | 8.09E-08 | 5YrCancerI | 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 |
| 1860 | ALL | 290368.4 | 3921182 | 7.97E-08 | 5YrCancerI | 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 |
| 1861 | ALL | 290418.4 | 3921182 | 7.85E-08 | 5YrCancerI | 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 |
| 1862 | ALL | 290468.4 | 3921182 | 7.74E-08 | 5YrCancerI | 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 |
| 1863 | ALL | 290518.4 | 3921182 | 7.63E-08 | 5YrCancerI | 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 |
| 1864 | ALL | 290568.4 | 3921182 | 7.52E-08 | 5YrCancerI | 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 |
| 1865 | ALL | 290618.4 | 3921182 | 7.41E-08 | 5YrCancerI | 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 |
| 1866 | ALL | 290668.4 | 3921182 | 7.31E-08 | 5YrCancerI | 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 |
| 1867 | ALL | 289068.4 | 3921232 | 1.31E-07 | 5YrCancerI | 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 |
| 1868 | ALL | 289118.4 | 3921232 | 1.28E-07 | 5YrCancerI | 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 |
| 1869 | ALL | 289168.4 | 3921232 | 1.25E-07 | 5YrCancerI | 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 |
| 1870 | ALL | 289218.4 | 3921232 | 1.22E-07 | 5YrCancerI | 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 |
| 1871 | ALL | 289268.4 | 3921232 | 1.19E-07 | 5YrCancerI | 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 |
| 1872 | ALL | 289318.4 | 3921232 | 1.16E-07 | 5YrCancerI | 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 |
| 1873 | ALL | 289368.4 | 3921232 | 1.14E-07 | 5YrCancerI | 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 |
| 1874 | ALL | 289418.4 | 3921232 | 1.11E-07 | 5YrCancerI | 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 |
| 1875 | ALL | 289468.4 | 3921232 | 1.09E-07 | 5YrCancerI | 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 |
| 1876 | ALL | 289518.4 | 3921232 | 1.07E-07 | 5YrCancerI | 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 |
| 1877 | ALL | 289568.4 | 3921232 | 1.05E-07 | 5YrCancerI | 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 |
| 1878 | ALL | 289618.4 | 3921232 | 1.03E-07 | 5YrCancerI | 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 |
| 1879 | ALL | 289668.4 | 3921232 | 1.01E-07 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1880 | ALL | 289718.4 | 3921232 | 9.90E-08 | 5YrCancerI | 9.90E-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 |
| 1881 | ALL | 289768.4 | 3921232 | 9.73E-08 | 5YrCancerI | 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 |
| 1882 | ALL | 289818.4 | 3921232 | 9.55E-08 | 5YrCancerI | 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 |
| 1883 | ALL | 289868.4 | 3921232 | 9.39E-08 | 5YrCancerI | 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 |
| 1884 | ALL | 289918.4 | 3921232 | 9.22E-08 | 5YrCancerI | 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 |
| 1885 | ALL | 289968.4 | 3921232 | 9.06E-08 | 5YrCancerI | 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 |
| 1886 | ALL | 290018.4 | 3921232 | 8.91E-08 | 5YrCancerI | 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 |
| 1887 | ALL | 290068.4 | 3921232 | 8.76E-08 | 5YrCancerI | 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 |
| 1888 | ALL | 290118.4 | 3921232 | 8.62E-08 | 5YrCancerI | 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 |
| 1889 | ALL | 290168.4 | 3921232 | 8.48E-08 | 5YrCancerI | 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 |
| 1890 | ALL | 290218.4 | 3921232 | 8.35E-08 | 5YrCancerI | 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 |
| 1891 | ALL | 290268.4 | 3921232 | 8.22E-08 | 5YrCancerI | 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 |
| 1892 | ALL | 290318.4 | 3921232 | 8.10E-08 | 5YrCancerI | 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 |
| 1893 | ALL | 290368.4 | 3921232 | 7.98E-08 | 5YrCancerI | 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 |
| 1894 | ALL | 290418.4 | 3921232 | 7.86E-08 | 5YrCancerI | 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 |
| 1895 | ALL | 290468.4 | 3921232 | 7.74E-08 | 5YrCancerI | 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 |
| 1896 | ALL | 290518.4 | 3921232 | 7.63E-08 | 5YrCancerI | 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 |
| 1897 | ALL | 290568.4 | 3921232 | 7.52E-08 | 5YrCancerI | 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 |
| 1898 | ALL | 290618.4 | 3921232 | 7.42E-08 | 5YrCancerI | 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 |
| 1899 | ALL | 290668.4 | 3921232 | 7.32E-08 | 5YrCancerI | 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 |
| 1900 | ALL | 289068.4 | 3921282 | 1.32E-07 | 5YrCancerI | 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 |
| 1901 | ALL | 289118.4 | 3921282 | 1.29E-07 | 5YrCancerI | 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 |
| 1902 | ALL | 289168.4 | 3921282 | 1.26E-07 | 5YrCancerI | 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 |
| 1903 | ALL | 289218.4 | 3921282 | 1.23E-07 | 5YrCancerI | 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 |
| 1904 | ALL | 289268.4 | 3921282 | 1.20E-07 | 5YrCancerI | 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 |
| 1905 | ALL | 289318.4 | 3921282 | 1.17E-07 | 5YrCancerI | 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 |
| 1906 | ALL | 289368.4 | 3921282 | 1.14E-07 | 5YrCancerI | 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 |
| 1907 | ALL | 289418.4 | 3921282 | 1.12E-07 | 5YrCancerI | 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 |
| 1908 | ALL | 289468.4 | 3921282 | 1.10E-07 | 5YrCancerI | 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 |
| 1909 | ALL | 289518.4 | 3921282 | 1.07E-07 | 5YrCancerI | 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 |
| 1910 | ALL | 289568.4 | 3921282 | 1.05E-07 | 5YrCancerI | 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 |
| 1911 | ALL | 289618.4 | 3921282 | 1.03E-07 | 5YrCancerI | 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 |
| 1912 | ALL | 289668.4 | 3921282 | 1.01E-07 | 5YrCancerI | 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 |
| 1913 | ALL | 289718.4 | 3921282 | 9.92E-08 | 5YrCancerI | 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 |
| 1914 | ALL | 289768.4 | 3921282 | 9.75E-08 | 5YrCancerI | 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 |
| 1915 | ALL | 289818.4 | 3921282 | 9.57E-08 | 5YrCancerI | 9.57E-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 |
| 1916 | ALL | 289868.4 | 3921282 | 9.40E-08 | 5YrCancerI | 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 |
| 1917 | ALL | 289918.4 | 3921282 | 9.24E-08 | 5YrCancerI | 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 |
| 1918 | ALL | 289968.4 | 3921282 | 9.06E-08 | 5YrCancerI | 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 |
| 1919 | ALL | 290018.4 | 3921282 | 8.91E-08 | 5YrCancerI | 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 |
| 1920 | ALL | 290068.4 | 3921282 | 8.77E-08 | 5YrCancerI | 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 |
| 1921 | ALL | 290118.4 | 3921282 | 8.63E-08 | 5YrCancerI | 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 |
| 1922 | ALL | 290168.4 | 3921282 | 8.49E-08 | 5YrCancerI | 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 |
| 1923 | ALL | 272471.4 | 3936795 | 5.23E-08 | 5YrCancerI | 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 |
| 1924 | ALL | 272476.1 | 3936851 | 5.14E-08 | 5YrCancerI | 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 |
| 1925 | ALL | 272476.1 | 3936871 | 5.11E-08 | 5YrCancerI | 5.11E-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 |
| 1926 | ALL | 274071.4 | 3937707 | 3.62E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1927 | ALL | 274892.9 | 3937698 | 3.28E-08 | 5YrCancerI | 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 |
| 1928 | ALL | 276491.8 | 3934414 | 9.77E-08 | 5YrCancerI | 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 |
| 1929 | ALL | 276608.2 | 3934391 | 9.71E-08 | 5YrCancerI | 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 |
| 1930 | ALL | 277368.5 | 3932692 | 1.37E-07 | 5YrCancerI | 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 |
| 1931 | ALL | 277334.4 | 3932296 | 1.65E-07 | 5YrCancerI | 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 |
| 1932 | ALL | 278631.6 | 3931857 | 9.81E-08 | 5YrCancerI | 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 |
| 1933 | ALL | 277069.2 | 3930943 | 1.43E-07 | 5YrCancerI | 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 |
| 1934 | ALL | 277106 | 3930948 | 1.43E-07 | 5YrCancerI | 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 |
| 1935 | ALL | 277197.1 | 3934370 | 1.29E-07 | 5YrCancerI | 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 |
| 1936 | ALL | 278211.2 | 3934460 | 1.36E-07 | 5YrCancerI | 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 |
| 1937 | ALL | 278462.6 | 3934456 | 1.21E-07 | 5YrCancerI | 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 |
| 1938 | ALL | 279439.6 | 3934433 | 5.51E-08 | 5YrCancerI | 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 |
| 1939 | ALL | 279499.1 | 3934425 | 5.41E-08 | 5YrCancerI | 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 | 0.00E+00 |
| 1940 | ALL | 279717 | 3934533 | 4.86E-08 | 5YrCancerI | 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 |
| 1941 | ALL | 279787.5 | 3934453 | 4.89E-08 | 5YrCancerI | 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 |
| 1942 | ALL | 279767.4 | 3934438 | 4.94E-08 | 5YrCancerI | 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 |
| 1943 | ALL | 279804 | 3934534 | 4.75E-08 | 5YrCancerI | 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 |
| 1944 | ALL | 279703.3 | 3934468 | 4.98E-08 | 5YrCancerI | 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 |
| 1945 | ALL | 279959.6 | 3934349 | 4.80E-08 | 5YrCancerI | 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 |
| 1946 | ALL | 279070.3 | 3929610 | 7.05E-08 | 5YrCancerI | 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 |
| 1947 | ALL | 281930.8 | 3929547 | 6.17E-08 | 5YrCancerI | 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 |
| 1948 | ALL | 278554.8 | 3927380 | 7.19E-08 | 5YrCancerI | 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 |
| 1949 | ALL | 279013.7 | 3927235 | 7.02E-08 | 5YrCancerI | 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 |
| 1950 | ALL | 278705.3 | 3927244 | 7.16E-08 | 5YrCancerI | 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 |
| 1951 | ALL | 278562 | 3926446 | 7.69E-08 | 5YrCancerI | 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 |
| 1952 | ALL | 278713 | 3925870 | 8.10E-08 | 5YrCancerI | 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 |
| 1953 | ALL | 278400.6 | 3925609 | 8.70E-08 | 5YrCancerI | 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 |
| 1954 | ALL | 271067.8 | 3926037 | 7.30E-08 | 5YrCancerI | 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 |
| 1955 | ALL | 271395.7 | 3924492 | 6.37E-08 | 5YrCancerI | 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 |
| 1956 | ALL | 274067.6 | 3923357 | 1.11E-07 | 5YrCancerI | 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 |
| 1957 | ALL | 274170.4 | 3923361 | 1.18E-07 | 5YrCancerI | 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 |
| 1958 | ALL | 275491.3 | 3924125 | 1.44E-07 | 5YrCancerI | 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 |
| 1959 | ALL | 275777.4 | 3924326 | 1.45E-07 | 5YrCancerI | 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 |
| 1960 | ALL | 274592.7 | 3925325 | 1.71E-07 | 5YrCancerI | 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 |
| 1961 | ALL | 276220.6 | 3928164 | 9.10E-08 | 5YrCancerI | 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 |
| 1962 | ALL | 275219.9 | 3922052 | 1.34E-07 | 5YrCancerI | 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 |
| 1963 | ALL | 275270.3 | 3921833 | 1.31E-07 | 5YrCancerI | 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 |
| 1964 | ALL | 277670.6 | 3919962 | 1.86E-07 | 5YrCancerI | 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 |
| 1965 | ALL | 277749 | 3919861 | 1.78E-07 | 5YrCancerI | 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 |
| 1966 | ALL | 277676.8 | 3919256 | 1.11E-07 | 5YrCancerI | 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 |
| 1967 | ALL | 277668.5 | 3919215 | 1.08E-07 | 5YrCancerI | 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 |
| 1968 | ALL | 277674.7 | 3919184 | 1.06E-07 | 5YrCancerI | 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 |
| 1969 | ALL | 277672.6 | 3919163 | 1.04E-07 | 5YrCancerI | 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 |
| 1970 | ALL | 277666.4 | 3919134 | 1.03E-07 | 5YrCancerI | 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 |
| 1971 | ALL | 279687.9 | 3919923 | 1.63E-07 | 5YrCancerI | 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 |
| 1972 | ALL | 280183.4 | 3920697 | 2.00E-07 | 5YrCancerI | 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 |
| 1973 | ALL | 280769.3 | 3923565 | 9.84E-08 | 5YrCancerI | 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 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1974 | ALL | 281572.5 | 3923239 | 9.38E-08 | 5YrCancerI | 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 |
| 1975 | ALL | 281822.6 | 3923557 | 9.18E-08 | 5YrCancerI | 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 |
| 1976 | ALL | 285142.5 | 3930154 | 6.06E-08 | 5YrCancerI | 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 |
| 1977 | ALL | 285957.1 | 3930237 | 5.36E-08 | 5YrCancerI | 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 |
| 1978 | ALL | 285974.2 | 3928742 | 2.12E-07 | 5YrCancerI | 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 |
| 1979 | ALL | 288363.6 | 3928594 | 5.96E-08 | 5YrCancerI | 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 |
| 1980 | ALL | 289352.5 | 3926976 | 7.32E-08 | 5YrCancerI | 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 |
| 1981 | ALL | 288289.3 | 3926562 | 1.25E-07 | 5YrCancerI | 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 |
| 1982 | ALL | 288275 | 3925393 | 1.09E-07 | 5YrCancerI | 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 |
| 1983 | ALL | 287017.4 | 3924475 | 1.57E-07 | 5YrCancerI | 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 |
| 1984 | ALL | 286251.5 | 3923926 | 2.23E-07 | 5YrCancerI | 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 |
| 1985 | ALL | 284335.1 | 3919955 | 1.14E-07 | 5YrCancerI | 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 |
| 1986 | ALL | 284280.3 | 3922298 | 1.78E-07 | 5YrCancerI | 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 |
| 1987 | ALL | 284336.5 | 3923355 | 1.76E-07 | 5YrCancerI | 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 |
| 1988 | ALL | 285482.6 | 3927688 | 2.21E-07 | 5YrCancerI | 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 |
| 1989 | ALL | 285071 | 3927902 | 1.49E-07 | 5YrCancerI | 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 |
| 1990 | ALL | 275130.9 | 3920423 | 7.48E-08 | 5YrCancerI | 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 |
| 1991 | ALL | 275126.7 | 3920328 | 7.29E-08 | 5YrCancerI | 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 |
| 1992 | ALL | 275310.5 | 3920330 | 7.73E-08 | 5YrCancerI | 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 |
| 1993 | ALL | 275318.8 | 3920226 | 7.54E-08 | 5YrCancerI | 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 |
| 1994 | ALL | 276099.3 | 3920204 | 9.96E-08 | 5YrCancerI | 9.96E-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 |
| 1995 | ALL | 276497.8 | 3920226 | 1.25E-07 | 5YrCancerI | 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 |
| 1996 | ALL | 276516.4 | 3920602 | 1.73E-07 | 5YrCancerI | 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 |
| 1997 | ALL | 276144.7 | 3920613 | 1.23E-07 | 5YrCancerI | 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 |
| 1998 | ALL | 276144.7 | 3920266 | 1.04E-07 | 5YrCancerI | 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 |
| 1999 | ALL | 276082.7 | 3920249 | 1.01E-07 | 5YrCancerI | 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 |
| 2000 | ALL | 276008.4 | 3920383 | 1.03E-07 | 5YrCancerI | 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 |
| 2001 | ALL | 275880.4 | 3920357 | 9.58E-08 | 5YrCancerI | 9.58E-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 |
| 2002 | ALL | 275756.5 | 3920435 | 9.35E-08 | 5YrCancerI | 9.35E-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 |
| 2003 | ALL | 275548 | 3920507 | 8.83E-08 | 5YrCancerI | 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 |
| 2004 | ALL | 275287.8 | 3920600 | 8.28E-08 | 5YrCancerI | 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 |
| 2005 | ALL | 275217.6 | 3920584 | 8.04E-08 | 5YrCancerI | 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 |
| 2006 | ALL | 275180.4 | 3920482 | 7.72E-08 | 5YrCancerI | 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 |
| 2007 | ALL | 275155.7 | 3920435 | 7.56E-08 | 5YrCancerI | 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 |
| 2008 | ALL | 289065.9 | 3921313 | 1.33E-07 | 5YrCancerI | 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 |
| 2009 | ALL | 290675.7 | 3921269 | 7.31E-08 | 5YrCancerI | 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 |
| 2010 | ALL | 290637.3 | 3919698 | 6.71E-08 | 5YrCancerI | 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 |
| 2011 | ALL | 289016.6 | 3919736 | 9.64E-08 | 5YrCancerI | 9.64E-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 |

| REC | GRP | NETID | X | Y | SCENARIO | CV | CNS | IMMUN | KIDNEY | GILV | REPRO/DE | RESP | SKIN | EYE | BONE/TEE | ENDO | BLOOD | ODOR | GENERAL | MAXHI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ALL | | 275884.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 |
| 2 | ALL | | 275904.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 |
| 3 | ALL | | 275924.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 |
| 4 | ALL | | 275944.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 5 | ALL | | 275964.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 6 | ALL | | 275984.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 |
| 7 | ALL | | 276004.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 8 | ALL | | 276024.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 |
| 9 | ALL | | 276044.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |
| 10 | ALL | | 276064.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 |
| 11 | ALL | | 276084.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 |
| 12 | ALL | | 276104.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 13 | ALL | | 276124.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 |
| 14 | ALL | | 276144.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 15 | ALL | | 276164.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-05 |
| 16 | ALL | | 276184.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-05 |
| 17 | ALL | | 276204.3 | 3920211 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 |
| 18 | ALL | | 275324.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 19 | ALL | | 275344.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 20 | ALL | | 275364.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 21 | ALL | | 275384.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 22 | ALL | | 275404.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 23 | ALL | | 275424.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 |
| 24 | ALL | | 275444.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 25 | ALL | | 275464.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 26 | ALL | | 275484.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 27 | ALL | | 275504.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 28 | ALL | | 275524.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 29 | ALL | | 275544.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 30 | ALL | | 275564.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 31 | ALL | | 275584.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 32 | ALL | | 275604.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 33 | ALL | | 275624.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 34 | ALL | | 275644.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 35 | ALL | | 275664.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 36 | ALL | | 275684.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 37 | ALL | | 275704.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 38 | ALL | | 275724.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 39 | ALL | | 275744.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 40 | ALL | | 275764.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 41 | ALL | | 275784.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 42 | ALL | | 275804.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 43 | ALL | | 275824.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 44 | ALL | | 275844.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |
| 45 | ALL | | 275864.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 |
| 46 | ALL | | 275884.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 |
| 47 | ALL | | 275904.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 |
| 48 | ALL | | 275924.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 49 | ALL | | 275944.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 50 | ALL | | 275964.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 |
| 51 | ALL | | 275984.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52 | ALL | 276004.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 |
| 53 | ALL | 276024.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 |
| 54 | ALL | 276044.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |
| 55 | ALL | 276064.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 |
| 56 | ALL | 276084.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 57 | ALL | 276104.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 |
| 58 | ALL | 276124.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 59 | ALL | 276144.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 60 | ALL | 276164.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 |
| 61 | ALL | 276184.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 |
| 62 | ALL | 276204.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 |
| 63 | ALL | 276224.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 |
| 64 | ALL | 276244.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 |
| 65 | ALL | 276264.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 |
| 66 | ALL | 276284.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 |
| 67 | ALL | 276304.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 68 | ALL | 276324.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 |
| 69 | ALL | 276344.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 70 | ALL | 276364.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-05 |
| 71 | ALL | 276384.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-05 |
| 72 | ALL | 276404.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-05 |
| 73 | ALL | 276424.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 |
| 74 | ALL | 276444.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 |
| 75 | ALL | 276464.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.34E-05 |
| 76 | ALL | 276484.3 | 3920231 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 77 | ALL | 275324.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 78 | ALL | 275344.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 |
| 79 | ALL | 275364.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 80 | ALL | 275384.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 81 | ALL | 275404.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 |
| 82 | ALL | 275424.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 83 | ALL | 275444.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 84 | ALL | 275464.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 85 | ALL | 275484.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 86 | ALL | 275504.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 87 | ALL | 275524.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 88 | ALL | 275544.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 89 | ALL | 275564.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 |
| 90 | ALL | 275584.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 91 | ALL | 275604.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 92 | ALL | 275624.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 93 | ALL | 275644.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 94 | ALL | 275664.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 95 | ALL | 275684.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 96 | ALL | 275704.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |
| 97 | ALL | 275724.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 98 | ALL | 275744.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 99 | ALL | 275764.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 100 | ALL | 275784.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 101 | ALL | 275804.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 102 | ALL | 275824.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |
| 103 | ALL | 275844.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | ALL | 275864.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 105 | ALL | 275884.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 |
| 106 | ALL | 275904.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 107 | ALL | 275924.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 |
| 108 | ALL | 275944.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 |
| 109 | ALL | 275964.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 110 | ALL | 275984.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 |
| 111 | ALL | 276004.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 |
| 112 | ALL | 276024.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |
| 113 | ALL | 276044.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 |
| 114 | ALL | 276064.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 |
| 115 | ALL | 276104.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-05 |
| 116 | ALL | 276124.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 117 | ALL | 276144.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 |
| 118 | ALL | 276164.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 119 | ALL | 276184.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 |
| 120 | ALL | 276204.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-05 |
| 121 | ALL | 276224.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-05 |
| 122 | ALL | 276244.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 |
| 123 | ALL | 276264.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 |
| 124 | ALL | 276284.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-05 |
| 125 | ALL | 276304.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 |
| 126 | ALL | 276324.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 127 | ALL | 276344.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 |
| 128 | ALL | 276364.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 |
| 129 | ALL | 276384.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 |
| 130 | ALL | 276404.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 |
| 131 | ALL | 276424.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 |
| 132 | ALL | 276444.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.34E-05 |
| 133 | ALL | 276464.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 134 | ALL | 276484.3 | 3920251 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 |
| 135 | ALL | 275324.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 |
| 136 | ALL | 275344.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 137 | ALL | 275364.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 138 | ALL | 275384.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 139 | ALL | 275404.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 140 | ALL | 275424.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 141 | ALL | 275444.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 142 | ALL | 275464.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 143 | ALL | 275484.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 144 | ALL | 275504.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 145 | ALL | 275524.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 146 | ALL | 275544.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 |
| 147 | ALL | 275564.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 148 | ALL | 275584.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 149 | ALL | 275604.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 150 | ALL | 275624.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 151 | ALL | 275644.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 152 | ALL | 275664.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 153 | ALL | 275684.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |
| 154 | ALL | 275704.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 155 | ALL | 275724.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 156 | ALL | 275744.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 157 | ALL | 275764.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 158 | ALL | 275784.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 |
| 159 | ALL | 275804.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 160 | ALL | 275824.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 161 | ALL | 275844.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 162 | ALL | 275864.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 |
| 163 | ALL | 275884.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 164 | ALL | 275904.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 |
| 165 | ALL | 275924.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 |
| 166 | ALL | 275944.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 |
| 167 | ALL | 275964.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 |
| 168 | ALL | 275984.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 |
| 169 | ALL | 276004.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 |
| 170 | ALL | 276024.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 |
| 171 | ALL | 276044.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 |
| 172 | ALL | 276064.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 |
| 173 | ALL | 276164.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-05 |
| 174 | ALL | 276184.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 |
| 175 | ALL | 276204.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 |
| 176 | ALL | 276224.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 |
| 177 | ALL | 276244.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-05 |
| 178 | ALL | 276264.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 |
| 179 | ALL | 276284.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 |
| 180 | ALL | 276304.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 |
| 181 | ALL | 276324.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 |
| 182 | ALL | 276344.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 |
| 183 | ALL | 276364.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 |
| 184 | ALL | 276384.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 |
| 185 | ALL | 276404.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 |
| 186 | ALL | 276424.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 |
| 187 | ALL | 276444.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 |
| 188 | ALL | 276464.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 |
| 189 | ALL | 276484.3 | 3920271 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 |
| 190 | ALL | 275324.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 191 | ALL | 275344.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 192 | ALL | 275364.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 193 | ALL | 275384.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 194 | ALL | 275404.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 195 | ALL | 275424.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 196 | ALL | 275444.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 197 | ALL | 275464.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 198 | ALL | 275484.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 199 | ALL | 275504.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 200 | ALL | 275524.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 |
| 201 | ALL | 275544.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 202 | ALL | 275564.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 203 | ALL | 275584.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 204 | ALL | 275604.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 205 | ALL | 275624.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 206 | ALL | 275644.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 207 | ALL | 275664.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 208 | ALL | 275684.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 209 | ALL | 275704.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 210 | ALL | 275724.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 211 | ALL | 275744.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 212 | ALL | 275764.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 |
| 213 | ALL | 275784.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 214 | ALL | 275804.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 215 | ALL | 275824.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 |
| 216 | ALL | 275844.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 |
| 217 | ALL | 275864.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 |
| 218 | ALL | 275884.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 |
| 219 | ALL | 275904.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 |
| 220 | ALL | 275924.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 |
| 221 | ALL | 275944.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 |
| 222 | ALL | 275964.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 |
| 223 | ALL | 275984.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 |
| 224 | ALL | 276004.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 |
| 225 | ALL | 276024.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-05 |
| 226 | ALL | 276044.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 |
| 227 | ALL | 276164.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 |
| 228 | ALL | 276184.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 |
| 229 | ALL | 276204.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 |
| 230 | ALL | 276224.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-05 |
| 231 | ALL | 276244.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 |
| 232 | ALL | 276264.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 |
| 233 | ALL | 276284.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 |
| 234 | ALL | 276304.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 |
| 235 | ALL | 276324.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 |
| 236 | ALL | 276344.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-05 |
| 237 | ALL | 276364.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 |
| 238 | ALL | 276384.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 |
| 239 | ALL | 276404.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 |
| 240 | ALL | 276424.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 |
| 241 | ALL | 276444.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 |
| 242 | ALL | 276464.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 |
| 243 | ALL | 276484.3 | 3920291 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 |
| 244 | ALL | 275324.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 245 | ALL | 275344.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 246 | ALL | 275364.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 247 | ALL | 275384.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 248 | ALL | 275404.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 249 | ALL | 275424.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 250 | ALL | 275444.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 251 | ALL | 275464.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 252 | ALL | 275484.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 253 | ALL | 275504.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 |
| 254 | ALL | 275524.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 255 | ALL | 275544.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 256 | ALL | 275564.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 257 | ALL | 275584.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 258 | ALL | 275604.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 259 | ALL | 275624.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 260 | ALL | 275644.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 261 | ALL | 275664.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 262 | ALL | 275684.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 263 | ALL | 275704.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 264 | ALL | 275724.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 265 | ALL | 275744.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 266 | ALL | 275764.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 267 | ALL | 275784.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 268 | ALL | 275804.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 |
| 269 | ALL | 275824.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 270 | ALL | 275844.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 |
| 271 | ALL | 275864.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 |
| 272 | ALL | 275884.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 |
| 273 | ALL | 275904.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 |
| 274 | ALL | 275924.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 |
| 275 | ALL | 275944.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 276 | ALL | 275964.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 |
| 277 | ALL | 275984.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 |
| 278 | ALL | 276004.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-05 |
| 279 | ALL | 276024.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 |
| 280 | ALL | 276044.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-05 |
| 281 | ALL | 276164.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 |
| 282 | ALL | 276184.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 |
| 283 | ALL | 276204.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 |
| 284 | ALL | 276224.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 |
| 285 | ALL | 276244.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 |
| 286 | ALL | 276264.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-05 |
| 287 | ALL | 276284.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 |
| 288 | ALL | 276304.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 |
| 289 | ALL | 276324.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 |
| 290 | ALL | 276344.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 |
| 291 | ALL | 276364.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 |
| 292 | ALL | 276384.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 |
| 293 | ALL | 276404.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 |
| 294 | ALL | 276424.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 |
| 295 | ALL | 276444.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-05 |
| 296 | ALL | 276464.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 |
| 297 | ALL | 276484.3 | 3920311 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 |
| 298 | ALL | 275144.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 |
| 299 | ALL | 275164.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 |
| 300 | ALL | 275184.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 |
| 301 | ALL | 275204.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |
| 302 | ALL | 275224.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 303 | ALL | 275244.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 304 | ALL | 275264.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 305 | ALL | 275284.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 306 | ALL | 275304.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 307 | ALL | 275324.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 308 | ALL | 275344.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 309 | ALL | 275364.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 310 | ALL | 275384.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 311 | ALL | 275404.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 312 | ALL | 275424.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 313 | ALL | 275444.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 314 | ALL | 275464.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 315 | ALL | 275484.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 316 | ALL | 275504.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 317 | ALL | 275524.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 318 | ALL | 275544.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 319 | ALL | 275564.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 320 | ALL | 275584.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 321 | ALL | 275604.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 |
| 322 | ALL | 275624.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 323 | ALL | 275644.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 324 | ALL | 275664.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 325 | ALL | 275684.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 326 | ALL | 275704.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 |
| 327 | ALL | 275724.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 328 | ALL | 275744.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 |
| 329 | ALL | 275764.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 |
| 330 | ALL | 275784.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 |
| 331 | ALL | 275804.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 332 | ALL | 275824.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 |
| 333 | ALL | 275844.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 334 | ALL | 275864.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 |
| 335 | ALL | 275884.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 |
| 336 | ALL | 275904.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 |
| 337 | ALL | 275924.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 338 | ALL | 275944.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |
| 339 | ALL | 275964.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 |
| 340 | ALL | 275984.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 |
| 341 | ALL | 276004.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 |
| 342 | ALL | 276024.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 |
| 343 | ALL | 276164.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-05 |
| 344 | ALL | 276184.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 |
| 345 | ALL | 276204.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 |
| 346 | ALL | 276224.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 |
| 347 | ALL | 276244.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 |
| 348 | ALL | 276264.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 |
| 349 | ALL | 276284.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 |
| 350 | ALL | 276304.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 |
| 351 | ALL | 276324.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 |
| 352 | ALL | 276344.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 |
| 353 | ALL | 276364.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.31E-05 |
| 354 | ALL | 276384.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 |
| 355 | ALL | 276404.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 |
| 356 | ALL | 276424.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.52E-05 |
| 357 | ALL | 276444.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 |
| 358 | ALL | 276464.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 |
| 359 | ALL | 276484.3 | 3920331 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 360 | ALL | 275144.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 |
| 361 | ALL | 275164.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 |
| 362 | ALL | 275184.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 |
| 363 | ALL | 275204.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 364 | ALL | 275224.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 365 | ALL | 275244.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 366 | ALL | 275264.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 367 | ALL | 275284.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 368 | ALL | 275304.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 369 | ALL | 275324.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 |
| 370 | ALL | 275344.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 371 | ALL | 275364.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 372 | ALL | 275384.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 373 | ALL | 275404.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |
| 374 | ALL | 275424.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 375 | ALL | 275444.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 376 | ALL | 275464.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 377 | ALL | 275484.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 378 | ALL | 275504.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 379 | ALL | 275524.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 380 | ALL | 275544.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 381 | ALL | 275564.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 382 | ALL | 275584.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 |
| 383 | ALL | 275604.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 384 | ALL | 275624.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 385 | ALL | 275644.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 386 | ALL | 275664.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 387 | ALL | 275684.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 |
| 388 | ALL | 275704.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 389 | ALL | 275724.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 |
| 390 | ALL | 275744.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 |
| 391 | ALL | 275764.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 |
| 392 | ALL | 275784.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 |
| 393 | ALL | 275804.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 |
| 394 | ALL | 275824.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 395 | ALL | 275844.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 396 | ALL | 275864.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 |
| 397 | ALL | 275884.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 398 | ALL | 275904.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 |
| 399 | ALL | 275924.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |
| 400 | ALL | 275944.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 |
| 401 | ALL | 275964.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 |
| 402 | ALL | 275984.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 |
| 403 | ALL | 276004.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 |
| 404 | ALL | 276024.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 |
| 405 | ALL | 276164.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 |
| 406 | ALL | 276184.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 |
| 407 | ALL | 276204.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 |
| 408 | ALL | 276224.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 |
| 409 | ALL | 276244.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 |
| 410 | ALL | 276264.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 |
| 411 | ALL | 276284.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 |
| 412 | ALL | 276304.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 |
| 413 | ALL | 276324.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 |
| 414 | ALL | 276344.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 |
| 415 | ALL | 276364.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 416 | ALL | 276384.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 |
| 417 | ALL | 276404.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 |
| 418 | ALL | 276424.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 |
| 419 | ALL | 276444.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.67E-05 |
| 420 | ALL | 276464.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 |
| 421 | ALL | 276484.3 | 3920351 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-05 |
| 422 | ALL | 275144.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 |
| 423 | ALL | 275164.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 |
| 424 | ALL | 275184.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 425 | ALL | 275204.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 426 | ALL | 275224.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 427 | ALL | 275244.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 428 | ALL | 275264.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 429 | ALL | 275284.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 430 | ALL | 275304.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 |
| 431 | ALL | 275324.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 432 | ALL | 275344.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 433 | ALL | 275364.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 434 | ALL | 275384.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |
| 435 | ALL | 275404.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 436 | ALL | 275424.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 437 | ALL | 275444.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 438 | ALL | 275464.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 439 | ALL | 275484.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 440 | ALL | 275504.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 441 | ALL | 275524.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 442 | ALL | 275544.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 443 | ALL | 275564.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 |
| 444 | ALL | 275584.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 445 | ALL | 275604.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 446 | ALL | 275624.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 447 | ALL | 275644.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 448 | ALL | 275664.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 449 | ALL | 275684.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 450 | ALL | 275704.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 451 | ALL | 275724.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |
| 452 | ALL | 275744.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 453 | ALL | 275764.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 |
| 454 | ALL | 275784.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 |
| 455 | ALL | 275804.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 456 | ALL | 275824.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 457 | ALL | 275844.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 |
| 458 | ALL | 275964.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 459 | ALL | 275984.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 |
| 460 | ALL | 276004.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 461 | ALL | 276164.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 |
| 462 | ALL | 276184.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 463 | ALL | 276204.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 |
| 464 | ALL | 276224.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 |
| 465 | ALL | 276244.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 |
| 466 | ALL | 276264.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 467 | ALL | 276284.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 468 | ALL | 276304.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 |
| 469 | ALL | 276324.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 |
| 470 | ALL | 276344.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-05 |
| 471 | ALL | 276364.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 |
| 472 | ALL | 276384.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 |
| 473 | ALL | 276404.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-05 |
| 474 | ALL | 276424.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 |
| 475 | ALL | 276444.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 |
| 476 | ALL | 276464.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.83E-05 |
| 477 | ALL | 276484.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 |
| 478 | ALL | 276504.3 | 3920371 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 |
| 479 | ALL | 275144.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 |
| 480 | ALL | 275164.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 481 | ALL | 275184.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 482 | ALL | 275204.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 483 | ALL | 275224.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 |
| 484 | ALL | 275244.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 485 | ALL | 275264.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 486 | ALL | 275284.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 |
| 487 | ALL | 275304.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 488 | ALL | 275324.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 489 | ALL | 275344.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 490 | ALL | 275364.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |
| 491 | ALL | 275384.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 492 | ALL | 275404.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 493 | ALL | 275424.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 494 | ALL | 275444.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 495 | ALL | 275464.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 496 | ALL | 275484.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 497 | ALL | 275504.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 498 | ALL | 275524.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 499 | ALL | 275544.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 500 | ALL | 275564.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 501 | ALL | 275584.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 502 | ALL | 275604.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 503 | ALL | 275624.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 504 | ALL | 275644.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 505 | ALL | 275664.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 506 | ALL | 275684.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 507 | ALL | 275704.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |
| 508 | ALL | 275724.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 509 | ALL | 275744.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 510 | ALL | 275764.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 |
| 511 | ALL | 275784.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 512 | ALL | 275804.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 |
| 513 | ALL | 275824.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 |
| 514 | ALL | 276164.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-05 |
| 515 | ALL | 276184.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 |
| 516 | ALL | 276204.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 517 | ALL | 276224.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-05 |
| 518 | ALL | 276244.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-05 |
| 519 | ALL | 276264.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 520 | ALL | 276284.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 |
| 521 | ALL | 276304.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 |
| 522 | ALL | 276324.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 |
| 523 | ALL | 276344.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 |
| 524 | ALL | 276364.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 |
| 525 | ALL | 276384.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 |
| 526 | ALL | 276404.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.65E-05 |
| 527 | ALL | 276424.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.74E-05 |
| 528 | ALL | 276444.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.82E-05 |
| 529 | ALL | 276464.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 |
| 530 | ALL | 276484.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 |
| 531 | ALL | 276504.3 | 3920391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 |
| 532 | ALL | 275144.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |
| 533 | ALL | 275164.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 534 | ALL | 275184.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 535 | ALL | 275204.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 |
| 536 | ALL | 275224.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 537 | ALL | 275244.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 538 | ALL | 275264.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 539 | ALL | 275284.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 540 | ALL | 275304.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 541 | ALL | 275324.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 542 | ALL | 275344.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 543 | ALL | 275364.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 544 | ALL | 275384.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 545 | ALL | 275404.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 546 | ALL | 275424.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 547 | ALL | 275444.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 548 | ALL | 275464.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 549 | ALL | 275484.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 550 | ALL | 275504.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 551 | ALL | 275524.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 552 | ALL | 275544.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 553 | ALL | 275564.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |
| 554 | ALL | 275584.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 555 | ALL | 275604.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 556 | ALL | 275624.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 557 | ALL | 275644.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 558 | ALL | 275664.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 |
| 559 | ALL | 275684.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 560 | ALL | 275704.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 561 | ALL | 275724.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 562 | ALL | 275744.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 |
| 563 | ALL | 275764.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 |
| 564 | ALL | 275784.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 |
| 565 | ALL | 276164.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 |
| 566 | ALL | 276184.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 567 | ALL | 276204.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 |
| 568 | ALL | 276224.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 |
| 569 | ALL | 276244.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-05 |
| 570 | ALL | 276264.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 |
| 571 | ALL | 276284.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 572 | ALL | 276304.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.34E-05 |
| 573 | ALL | 276324.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 |
| 574 | ALL | 276344.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 |
| 575 | ALL | 276364.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 |
| 576 | ALL | 276384.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 |
| 577 | ALL | 276404.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-05 |
| 578 | ALL | 276424.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 |
| 579 | ALL | 276444.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 |
| 580 | ALL | 276464.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 |
| 581 | ALL | 276484.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 |
| 582 | ALL | 276504.3 | 3920411 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 |
| 583 | ALL | 275164.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 584 | ALL | 275184.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 585 | ALL | 275204.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 586 | ALL | 275224.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 587 | ALL | 275244.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 588 | ALL | 275264.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 589 | ALL | 275284.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 590 | ALL | 275304.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 591 | ALL | 275324.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 592 | ALL | 275344.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 593 | ALL | 275364.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 594 | ALL | 275384.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 595 | ALL | 275404.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 596 | ALL | 275424.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 597 | ALL | 275444.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 598 | ALL | 275464.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 599 | ALL | 275484.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 600 | ALL | 275504.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 601 | ALL | 275524.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 602 | ALL | 275544.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |
| 603 | ALL | 275564.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 604 | ALL | 275584.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 605 | ALL | 275604.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 606 | ALL | 275624.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 607 | ALL | 275644.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 |
| 608 | ALL | 275664.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 609 | ALL | 275684.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 610 | ALL | 275704.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 |
| 611 | ALL | 275724.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 612 | ALL | 275744.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 |
| 613 | ALL | 276164.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 |
| 614 | ALL | 276184.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 |
| 615 | ALL | 276204.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 |
| 616 | ALL | 276224.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 |
| 617 | ALL | 276244.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 |
| 618 | ALL | 276264.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 |
| 619 | ALL | 276284.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.34E-05 |
| 620 | ALL | 276304.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 621 | ALL | 276324.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 |
| 622 | ALL | 276344.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 |
| 623 | ALL | 276364.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 624 | ALL | 276384.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 |
| 625 | ALL | 276404.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.80E-05 |
| 626 | ALL | 276424.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 |
| 627 | ALL | 276444.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.99E-05 |
| 628 | ALL | 276464.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-05 |
| 629 | ALL | 276484.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-05 |
| 630 | ALL | 276504.3 | 3920431 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 |
| 631 | ALL | 275164.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 632 | ALL | 275184.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 633 | ALL | 275204.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 634 | ALL | 275224.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 635 | ALL | 275244.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 636 | ALL | 275264.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 637 | ALL | 275284.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 638 | ALL | 275304.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 639 | ALL | 275324.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 640 | ALL | 275344.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 641 | ALL | 275364.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 642 | ALL | 275384.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 |
| 643 | ALL | 275404.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 644 | ALL | 275424.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 645 | ALL | 275444.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 646 | ALL | 275464.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 647 | ALL | 275484.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 648 | ALL | 275504.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 649 | ALL | 275524.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |
| 650 | ALL | 275544.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 651 | ALL | 275564.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 652 | ALL | 275584.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 653 | ALL | 275604.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 654 | ALL | 275624.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 |
| 655 | ALL | 275644.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 656 | ALL | 275664.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 657 | ALL | 275684.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 |
| 658 | ALL | 275704.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 659 | ALL | 276164.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 |
| 660 | ALL | 276184.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 |
| 661 | ALL | 276204.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-05 |
| 662 | ALL | 276224.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 |
| 663 | ALL | 276244.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 |
| 664 | ALL | 276264.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 |
| 665 | ALL | 276284.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 |
| 666 | ALL | 276304.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 |
| 667 | ALL | 276324.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 |
| 668 | ALL | 276344.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 |
| 669 | ALL | 276364.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |
| 670 | ALL | 276384.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 671 | ALL | 276404.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 |
| 672 | ALL | 276424.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 |
| 673 | ALL | 276444.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 |
| 674 | ALL | 276464.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-05 |
| 675 | ALL | 276484.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 676 | ALL | 276504.3 | 3920451 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 |
| 677 | ALL | 275184.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 678 | ALL | 275204.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 679 | ALL | 275224.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 |
| 680 | ALL | 275244.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 681 | ALL | 275264.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 682 | ALL | 275284.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 683 | ALL | 275304.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 684 | ALL | 275324.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 685 | ALL | 275344.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 686 | ALL | 275364.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 |
| 687 | ALL | 275384.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 688 | ALL | 275404.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 689 | ALL | 275424.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 690 | ALL | 275444.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 691 | ALL | 275464.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 692 | ALL | 275484.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 693 | ALL | 275504.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |
| 694 | ALL | 275524.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 695 | ALL | 275544.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 696 | ALL | 275564.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 697 | ALL | 275584.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 |
| 698 | ALL | 275604.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 699 | ALL | 275624.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 |
| 700 | ALL | 275644.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 |
| 701 | ALL | 276164.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 |
| 702 | ALL | 276184.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 |
| 703 | ALL | 276204.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 |
| 704 | ALL | 276224.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 |
| 705 | ALL | 276244.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 |
| 706 | ALL | 276264.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 |
| 707 | ALL | 276284.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 |
| 708 | ALL | 276304.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 |
| 709 | ALL | 276324.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 |
| 710 | ALL | 276344.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-05 |
| 711 | ALL | 276364.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 |
| 712 | ALL | 276384.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 |
| 713 | ALL | 276404.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-05 |
| 714 | ALL | 276424.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.07E-05 |
| 715 | ALL | 276444.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-05 |
| 716 | ALL | 276464.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-05 |
| 717 | ALL | 276484.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 |
| 718 | ALL | 276504.3 | 3920471 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.52E-05 |
| 719 | ALL | 275184.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 720 | ALL | 275204.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 |
| 721 | ALL | 275224.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 722 | ALL | 275244.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 723 | ALL | 275264.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 724 | ALL | 275284.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |
| 725 | ALL | 275304.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 726 | ALL | 275324.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 727 | ALL | 275344.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 728 | ALL | 275364.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 729 | ALL | 275384.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 730 | ALL | 275404.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 731 | ALL | 275424.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 732 | ALL | 275444.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 733 | ALL | 275464.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 734 | ALL | 275484.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 735 | ALL | 275504.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 736 | ALL | 275524.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 737 | ALL | 275544.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 738 | ALL | 275564.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 |
| 739 | ALL | 275584.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 740 | ALL | 276164.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 741 | ALL | 276184.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 |
| 742 | ALL | 276204.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 |
| 743 | ALL | 276224.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 |
| 744 | ALL | 276244.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 |
| 745 | ALL | 276264.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 |
| 746 | ALL | 276284.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.52E-05 |
| 747 | ALL | 276304.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 |
| 748 | ALL | 276324.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 |
| 749 | ALL | 276344.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 750 | ALL | 276364.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-05 |
| 751 | ALL | 276384.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.96E-05 |
| 752 | ALL | 276404.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-05 |
| 753 | ALL | 276424.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 |
| 754 | ALL | 276444.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-05 |
| 755 | ALL | 276464.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 |
| 756 | ALL | 276484.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 |
| 757 | ALL | 276504.3 | 3920491 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 |
| 758 | ALL | 275204.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 759 | ALL | 275224.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 760 | ALL | 275244.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 761 | ALL | 275264.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |
| 762 | ALL | 275284.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 763 | ALL | 275304.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 764 | ALL | 275324.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 765 | ALL | 275344.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 766 | ALL | 275364.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 767 | ALL | 275384.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 768 | ALL | 275404.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 769 | ALL | 275424.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 770 | ALL | 275444.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 |
| 771 | ALL | 275464.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 772 | ALL | 275484.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 773 | ALL | 275504.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 774 | ALL | 275524.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 775 | ALL | 276164.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 |
| 776 | ALL | 276184.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 |
| 777 | ALL | 276204.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 |
| 778 | ALL | 276224.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-05 |
| 779 | ALL | 276244.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 780 | ALL | 276264.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 |
| 781 | ALL | 276284.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 |
| 782 | ALL | 276304.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.67E-05 |
| 783 | ALL | 276324.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 |
| 784 | ALL | 276344.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-05 |
| 785 | ALL | 276364.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 |
| 786 | ALL | 276384.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.04E-05 |
| 787 | ALL | 276404.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 |
| 788 | ALL | 276424.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 |
| 789 | ALL | 276444.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.37E-05 |
| 790 | ALL | 276464.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 |
| 791 | ALL | 276484.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.62E-05 |
| 792 | ALL | 276504.3 | 3920511 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 |
| 793 | ALL | 275204.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 794 | ALL | 275224.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 795 | ALL | 275244.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |
| 796 | ALL | 275264.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 797 | ALL | 275284.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 798 | ALL | 275304.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 799 | ALL | 275324.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 800 | ALL | 275344.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 801 | ALL | 275364.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 802 | ALL | 275384.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 803 | ALL | 275404.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 804 | ALL | 275424.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 |
| 805 | ALL | 275444.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 806 | ALL | 275464.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 807 | ALL | 276164.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 |
| 808 | ALL | 276184.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 |
| 809 | ALL | 276204.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 |
| 810 | ALL | 276224.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 |
| 811 | ALL | 276244.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 |
| 812 | ALL | 276264.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-05 |
| 813 | ALL | 276284.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 |
| 814 | ALL | 276304.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 |
| 815 | ALL | 276324.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-05 |
| 816 | ALL | 276344.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 |
| 817 | ALL | 276364.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 |
| 818 | ALL | 276384.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 |
| 819 | ALL | 276404.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.24E-05 |
| 820 | ALL | 276424.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 |
| 821 | ALL | 276444.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 |
| 822 | ALL | 276464.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.61E-05 |
| 823 | ALL | 276484.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 |
| 824 | ALL | 276504.3 | 3920531 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 |
| 825 | ALL | 275224.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 826 | ALL | 275244.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 827 | ALL | 275264.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 828 | ALL | 275284.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 829 | ALL | 275304.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 830 | ALL | 275324.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 831 | ALL | 275344.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 832 | ALL | 275364.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 833 | ALL | 275384.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 834 | ALL | 275404.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 |
| 835 | ALL | 275424.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 836 | ALL | 276164.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 |
| 837 | ALL | 276184.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 |
| 838 | ALL | 276204.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 839 | ALL | 276224.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 |
| 840 | ALL | 276244.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 |
| 841 | ALL | 276264.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.65E-05 |
| 842 | ALL | 276284.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-05 |
| 843 | ALL | 276304.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.82E-05 |
| 844 | ALL | 276324.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 |
| 845 | ALL | 276344.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 |
| 846 | ALL | 276364.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.12E-05 |
| 847 | ALL | 276384.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.23E-05 |
| 848 | ALL | 276404.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-05 |
| 849 | ALL | 276424.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.47E-05 |
| 850 | ALL | 276444.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.59E-05 |
| 851 | ALL | 276464.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.73E-05 |
| 852 | ALL | 276484.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-05 |
| 853 | ALL | 276504.3 | 3920551 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.02E-05 |
| 854 | ALL | 275224.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 855 | ALL | 275244.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 856 | ALL | 275264.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 857 | ALL | 275284.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 858 | ALL | 275304.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 859 | ALL | 275324.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 860 | ALL | 275344.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 861 | ALL | 275364.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 862 | ALL | 276164.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 |
| 863 | ALL | 276184.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 |
| 864 | ALL | 276204.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 |
| 865 | ALL | 276224.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 |
| 866 | ALL | 276244.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 |
| 867 | ALL | 276264.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 |
| 868 | ALL | 276284.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 |
| 869 | ALL | 276304.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 |
| 870 | ALL | 276324.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 |
| 871 | ALL | 276344.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 |
| 872 | ALL | 276364.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 |
| 873 | ALL | 276384.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 |
| 874 | ALL | 276404.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 |
| 875 | ALL | 276424.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 |
| 876 | ALL | 276444.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 |
| 877 | ALL | 276464.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.86E-05 |
| 878 | ALL | 276484.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-05 |
| 879 | ALL | 276504.3 | 3920571 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-05 |
| 880 | ALL | 275264.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 |
| 881 | ALL | 275284.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 882 | ALL | 275304.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 883 | ALL | 276164.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 884 | ALL | 276184.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 |
| 885 | ALL | 276204.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-05 |
| 886 | ALL | 276224.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 |
| 887 | ALL | 276244.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-05 |
| 888 | ALL | 276264.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 889 | ALL | 276284.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 |
| 890 | ALL | 276304.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 |
| 891 | ALL | 276324.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-05 |
| 892 | ALL | 276344.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 |
| 893 | ALL | 276364.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 |
| 894 | ALL | 276384.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-05 |
| 895 | ALL | 276404.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 |
| 896 | ALL | 276424.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.70E-05 |
| 897 | ALL | 276444.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.85E-05 |
| 898 | ALL | 276464.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.00E-05 |
| 899 | ALL | 276484.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 |
| 900 | ALL | 276504.3 | 3920591 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.34E-05 |
| 901 | ALL | 276164.3 | 3920611 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 |
| 902 | ALL | 276184.3 | 3920611 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 |
| 903 | ALL | 276204.3 | 3920611 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 |
| 904 | ALL | 289218.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 905 | ALL | 289268.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 906 | ALL | 289318.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 907 | ALL | 289368.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 908 | ALL | 289418.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 909 | ALL | 289468.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 910 | ALL | 289518.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 911 | ALL | 289568.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 912 | ALL | 289618.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 913 | ALL | 289668.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 914 | ALL | 289718.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 915 | ALL | 289768.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 916 | ALL | 289818.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 917 | ALL | 289868.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 918 | ALL | 289918.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 919 | ALL | 289968.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 920 | ALL | 290018.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 921 | ALL | 290068.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 922 | ALL | 290118.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 923 | ALL | 290168.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 |
| 924 | ALL | 290218.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 |
| 925 | ALL | 290268.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 |
| 926 | ALL | 290318.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-05 |
| 927 | ALL | 290368.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-05 |
| 928 | ALL | 290418.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-05 |
| 929 | ALL | 290468.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 |
| 930 | ALL | 290518.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-05 |
| 931 | ALL | 290568.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-05 |
| 932 | ALL | 290618.4 | 3919732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-05 |
| 933 | ALL | 289018.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |
| 934 | ALL | 289068.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 |
| 935 | ALL | 289118.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 936 | ALL | 289168.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 937 | ALL | 289218.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 |
| 938 | ALL | 289268.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 939 | ALL | 289318.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 940 | ALL | 289368.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 |
| 941 | ALL | 289418.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 942 | ALL | 289468.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 943 | ALL | 289518.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 944 | ALL | 289568.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 945 | ALL | 289618.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 946 | ALL | 289668.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 947 | ALL | 289718.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 948 | ALL | 289768.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 949 | ALL | 289818.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 950 | ALL | 289868.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 951 | ALL | 289918.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 952 | ALL | 289968.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 953 | ALL | 290018.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 954 | ALL | 290068.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 |
| 955 | ALL | 290118.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 956 | ALL | 290168.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |
| 957 | ALL | 290218.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 |
| 958 | ALL | 290268.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 959 | ALL | 290318.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-05 |
| 960 | ALL | 290368.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-05 |
| 961 | ALL | 290418.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-05 |
| 962 | ALL | 290468.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-05 |
| 963 | ALL | 290518.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 |
| 964 | ALL | 290568.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-05 |
| 965 | ALL | 290618.4 | 3919782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-05 |
| 966 | ALL | 289068.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |
| 967 | ALL | 289118.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 |
| 968 | ALL | 289168.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 |
| 969 | ALL | 289218.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 970 | ALL | 289268.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 |
| 971 | ALL | 289318.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 |
| 972 | ALL | 289368.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 973 | ALL | 289418.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 |
| 974 | ALL | 289468.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 975 | ALL | 289518.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 976 | ALL | 289568.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 977 | ALL | 289618.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 978 | ALL | 289668.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 979 | ALL | 289718.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 980 | ALL | 289768.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 981 | ALL | 289818.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 982 | ALL | 289868.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 983 | ALL | 289918.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 984 | ALL | 289968.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 985 | ALL | 290018.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 986 | ALL | 290068.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 987 | ALL | 290118.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 988 | ALL | 290168.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 989 | ALL | 290218.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 |
| 990 | ALL | 290268.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 |
| 991 | ALL | 290318.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 |
| 992 | ALL | 290368.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 |
| 993 | ALL | 290418.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-05 |
| 994 | ALL | 290468.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-05 |
| 995 | ALL | 290518.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 |
| 996 | ALL | 290568.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-05 |
| 997 | ALL | 290618.4 | 3919832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-05 |
| 998 | ALL | 289068.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 |
| 999 | ALL | 289118.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |
| 1000 | ALL | 289168.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 |
| 1001 | ALL | 289218.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 |
| 1002 | ALL | 289268.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 |
| 1003 | ALL | 289318.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 |
| 1004 | ALL | 289368.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 1005 | ALL | 289418.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 |
| 1006 | ALL | 289468.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 1007 | ALL | 289518.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 |
| 1008 | ALL | 289568.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 1009 | ALL | 289618.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 1010 | ALL | 289668.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 |
| 1011 | ALL | 289718.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 1012 | ALL | 289768.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 1013 | ALL | 289818.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 1014 | ALL | 289868.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 1015 | ALL | 289918.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |
| 1016 | ALL | 289968.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 1017 | ALL | 290018.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 1018 | ALL | 290068.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 1019 | ALL | 290118.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 1020 | ALL | 290168.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 1021 | ALL | 290218.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 1022 | ALL | 290268.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 |
| 1023 | ALL | 290318.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 1024 | ALL | 290368.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 |
| 1025 | ALL | 290418.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-05 |
| 1026 | ALL | 290468.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-05 |
| 1027 | ALL | 290518.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-05 |
| 1028 | ALL | 290568.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 |
| 1029 | ALL | 290618.4 | 3919882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-05 |
| 1030 | ALL | 289068.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 |
| 1031 | ALL | 289118.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 |
| 1032 | ALL | 289168.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 |
| 1033 | ALL | 289218.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 |
| 1034 | ALL | 289268.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 |
| 1035 | ALL | 289318.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 |
| 1036 | ALL | 289368.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 |
| 1037 | ALL | 289418.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 |
| 1038 | ALL | 289468.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |
| 1039 | ALL | 289518.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1040 | ALL | 289568.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 1041 | ALL | 289618.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 1042 | ALL | 289668.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 1043 | ALL | 289718.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 1044 | ALL | 289768.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 1045 | ALL | 289818.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 1046 | ALL | 289868.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 1047 | ALL | 289918.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 1048 | ALL | 289968.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 1049 | ALL | 290018.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 1050 | ALL | 290068.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 1051 | ALL | 290118.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 1052 | ALL | 290168.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 |
| 1053 | ALL | 290218.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 1054 | ALL | 290268.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 |
| 1055 | ALL | 290318.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 |
| 1056 | ALL | 290368.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 1057 | ALL | 290418.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 |
| 1058 | ALL | 290468.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-05 |
| 1059 | ALL | 290518.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-05 |
| 1060 | ALL | 290568.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 |
| 1061 | ALL | 290618.4 | 3919932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-05 |
| 1062 | ALL | 289068.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 |
| 1063 | ALL | 289118.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 |
| 1064 | ALL | 289168.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 |
| 1065 | ALL | 289218.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 |
| 1066 | ALL | 289268.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 |
| 1067 | ALL | 289318.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 |
| 1068 | ALL | 289368.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 1069 | ALL | 289418.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 |
| 1070 | ALL | 289468.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 |
| 1071 | ALL | 289518.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 1072 | ALL | 289568.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 1073 | ALL | 289618.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 1074 | ALL | 289668.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 1075 | ALL | 289718.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 1076 | ALL | 289768.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 1077 | ALL | 289818.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 1078 | ALL | 289868.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 1079 | ALL | 289918.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 1080 | ALL | 289968.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 1081 | ALL | 290018.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 1082 | ALL | 290068.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 1083 | ALL | 290118.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 1084 | ALL | 290168.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 1085 | ALL | 290218.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 1086 | ALL | 290268.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 1087 | ALL | 290318.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 |
| 1088 | ALL | 290368.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 1089 | ALL | 290418.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 |
| 1090 | ALL | 290468.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-05 |
| 1091 | ALL | 290518.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1092 | ALL | 290568.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-05 |
| 1093 | ALL | 290618.4 | 3919982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 |
| 1094 | ALL | 289068.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 |
| 1095 | ALL | 289118.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 |
| 1096 | ALL | 289168.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-05 |
| 1097 | ALL | 289218.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |
| 1098 | ALL | 289268.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 1099 | ALL | 289318.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 1100 | ALL | 289368.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 |
| 1101 | ALL | 289418.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 1102 | ALL | 289468.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 1103 | ALL | 289518.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 1104 | ALL | 289568.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 1105 | ALL | 289618.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 |
| 1106 | ALL | 289668.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 1107 | ALL | 289718.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 1108 | ALL | 289768.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 |
| 1109 | ALL | 289818.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 1110 | ALL | 289868.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 1111 | ALL | 289918.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 |
| 1112 | ALL | 289968.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 1113 | ALL | 290018.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 1114 | ALL | 290068.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 1115 | ALL | 290118.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 1116 | ALL | 290168.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 1117 | ALL | 290218.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 |
| 1118 | ALL | 290268.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 1119 | ALL | 290318.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 |
| 1120 | ALL | 290368.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 |
| 1121 | ALL | 290418.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 1122 | ALL | 290468.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 |
| 1123 | ALL | 290518.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-05 |
| 1124 | ALL | 290568.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-05 |
| 1125 | ALL | 290618.4 | 3920032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-05 |
| 1126 | ALL | 289068.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 |
| 1127 | ALL | 289118.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 |
| 1128 | ALL | 289168.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 |
| 1129 | ALL | 289218.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 |
| 1130 | ALL | 289268.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 |
| 1131 | ALL | 289318.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 |
| 1132 | ALL | 289368.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 |
| 1133 | ALL | 289418.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 1134 | ALL | 289468.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 |
| 1135 | ALL | 289518.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 1136 | ALL | 289568.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 |
| 1137 | ALL | 289618.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 |
| 1138 | ALL | 289668.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 1139 | ALL | 289718.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 1140 | ALL | 289768.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 1141 | ALL | 289818.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 1142 | ALL | 289868.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 1143 | ALL | 289918.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1144 | ALL | 289968.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 1145 | ALL | 290018.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 1146 | ALL | 290068.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 1147 | ALL | 290118.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 1148 | ALL | 290168.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 1149 | ALL | 290218.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 1150 | ALL | 290268.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 1151 | ALL | 290318.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 1152 | ALL | 290368.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 |
| 1153 | ALL | 290418.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 1154 | ALL | 290468.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 |
| 1155 | ALL | 290518.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-05 |
| 1156 | ALL | 290568.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-05 |
| 1157 | ALL | 290618.4 | 3920082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-05 |
| 1158 | ALL | 289068.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 1159 | ALL | 289118.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 |
| 1160 | ALL | 289168.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 1161 | ALL | 289218.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 |
| 1162 | ALL | 289268.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 |
| 1163 | ALL | 289318.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |
| 1164 | ALL | 289368.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 |
| 1165 | ALL | 289418.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 |
| 1166 | ALL | 289468.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 |
| 1167 | ALL | 289518.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 |
| 1168 | ALL | 289568.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 |
| 1169 | ALL | 289618.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 1170 | ALL | 289668.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 1171 | ALL | 289718.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 1172 | ALL | 289768.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 1173 | ALL | 289818.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 1174 | ALL | 289868.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 1175 | ALL | 289918.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 1176 | ALL | 289968.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 1177 | ALL | 290018.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 1178 | ALL | 290068.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 1179 | ALL | 290118.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 1180 | ALL | 290168.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 1181 | ALL | 290218.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 1182 | ALL | 290268.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 |
| 1183 | ALL | 290318.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 1184 | ALL | 290368.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 |
| 1185 | ALL | 290418.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 |
| 1186 | ALL | 290468.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 |
| 1187 | ALL | 290518.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-05 |
| 1188 | ALL | 290568.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-05 |
| 1189 | ALL | 290618.4 | 3920132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-05 |
| 1190 | ALL | 289068.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 |
| 1191 | ALL | 289118.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 1192 | ALL | 289168.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 1193 | ALL | 289218.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-05 |
| 1194 | ALL | 289268.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 1195 | ALL | 289318.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1196 | ALL | 289368.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 |
| 1197 | ALL | 289418.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 1198 | ALL | 289468.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 |
| 1199 | ALL | 289518.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 1200 | ALL | 289568.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 |
| 1201 | ALL | 289618.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 1202 | ALL | 289668.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 1203 | ALL | 289718.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 |
| 1204 | ALL | 289768.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 1205 | ALL | 289818.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 1206 | ALL | 289868.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 1207 | ALL | 289918.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 1208 | ALL | 289968.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 1209 | ALL | 290018.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 1210 | ALL | 290068.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 1211 | ALL | 290118.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 1212 | ALL | 290168.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 1213 | ALL | 290218.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 1214 | ALL | 290268.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 1215 | ALL | 290318.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 1216 | ALL | 290368.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |
| 1217 | ALL | 290418.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 |
| 1218 | ALL | 290468.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 1219 | ALL | 290518.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-05 |
| 1220 | ALL | 290568.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-05 |
| 1221 | ALL | 290618.4 | 3920182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-05 |
| 1222 | ALL | 289068.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 |
| 1223 | ALL | 289118.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-05 |
| 1224 | ALL | 289168.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-05 |
| 1225 | ALL | 289218.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 |
| 1226 | ALL | 289268.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 |
| 1227 | ALL | 289318.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-05 |
| 1228 | ALL | 289368.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 |
| 1229 | ALL | 289418.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 |
| 1230 | ALL | 289468.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 |
| 1231 | ALL | 289518.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 1232 | ALL | 289568.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 |
| 1233 | ALL | 289618.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 |
| 1234 | ALL | 289668.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |
| 1235 | ALL | 289718.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 1236 | ALL | 289768.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 1237 | ALL | 289818.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 1238 | ALL | 289868.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 1239 | ALL | 289918.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 1240 | ALL | 289968.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 1241 | ALL | 290018.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 1242 | ALL | 290068.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 1243 | ALL | 290118.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |
| 1244 | ALL | 290168.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 1245 | ALL | 290218.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 |
| 1246 | ALL | 290268.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 1247 | ALL | 290318.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1248 | ALL | 290368.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 1249 | ALL | 290418.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 |
| 1250 | ALL | 290468.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 |
| 1251 | ALL | 290518.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 |
| 1252 | ALL | 290568.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-05 |
| 1253 | ALL | 290618.4 | 3920232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-05 |
| 1254 | ALL | 289068.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-05 |
| 1255 | ALL | 289118.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 |
| 1256 | ALL | 289168.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 |
| 1257 | ALL | 289218.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 |
| 1258 | ALL | 289268.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 1259 | ALL | 289318.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 |
| 1260 | ALL | 289368.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 |
| 1261 | ALL | 289418.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |
| 1262 | ALL | 289468.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 |
| 1263 | ALL | 289518.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 |
| 1264 | ALL | 289568.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 1265 | ALL | 289618.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 1266 | ALL | 289668.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 1267 | ALL | 289718.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 1268 | ALL | 289768.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 |
| 1269 | ALL | 289818.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 1270 | ALL | 289868.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 1271 | ALL | 289918.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 1272 | ALL | 289968.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 1273 | ALL | 290018.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 1274 | ALL | 290068.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 1275 | ALL | 290118.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 1276 | ALL | 290168.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 1277 | ALL | 290218.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 1278 | ALL | 290268.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 1279 | ALL | 290318.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 |
| 1280 | ALL | 290368.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 1281 | ALL | 290418.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 |
| 1282 | ALL | 290468.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 |
| 1283 | ALL | 290518.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 1284 | ALL | 290568.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 |
| 1285 | ALL | 290618.4 | 3920282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-05 |
| 1286 | ALL | 289068.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 |
| 1287 | ALL | 289118.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 |
| 1288 | ALL | 289168.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 |
| 1289 | ALL | 289218.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 1290 | ALL | 289268.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-05 |
| 1291 | ALL | 289318.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-05 |
| 1292 | ALL | 289368.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 1293 | ALL | 289418.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 |
| 1294 | ALL | 289468.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 |
| 1295 | ALL | 289518.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 |
| 1296 | ALL | 289568.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 1297 | ALL | 289618.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 |
| 1298 | ALL | 289668.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 1299 | ALL | 289718.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1300 | ALL | 289768.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 1301 | ALL | 289818.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 1302 | ALL | 289868.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 1303 | ALL | 289918.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 |
| 1304 | ALL | 289968.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 1305 | ALL | 290018.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 1306 | ALL | 290068.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 |
| 1307 | ALL | 290118.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 1308 | ALL | 290168.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 1309 | ALL | 290218.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 1310 | ALL | 290268.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 1311 | ALL | 290318.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 1312 | ALL | 290368.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 1313 | ALL | 290418.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 1314 | ALL | 290468.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 |
| 1315 | ALL | 290518.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 1316 | ALL | 290568.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-05 |
| 1317 | ALL | 290618.4 | 3920332 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-05 |
| 1318 | ALL | 289068.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 |
| 1319 | ALL | 289118.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 |
| 1320 | ALL | 289168.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 |
| 1321 | ALL | 289218.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 |
| 1322 | ALL | 289268.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-05 |
| 1323 | ALL | 289318.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 |
| 1324 | ALL | 289368.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 |
| 1325 | ALL | 289418.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 |
| 1326 | ALL | 289468.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 |
| 1327 | ALL | 289518.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 |
| 1328 | ALL | 289568.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 |
| 1329 | ALL | 289618.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 1330 | ALL | 289668.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 |
| 1331 | ALL | 289718.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 1332 | ALL | 289768.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 1333 | ALL | 289818.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 1334 | ALL | 289868.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 1335 | ALL | 289918.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 1336 | ALL | 289968.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 1337 | ALL | 290018.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 1338 | ALL | 290068.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 1339 | ALL | 290118.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 1340 | ALL | 290168.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 1341 | ALL | 290218.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 1342 | ALL | 290268.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 1343 | ALL | 290318.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 1344 | ALL | 290368.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 1345 | ALL | 290418.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 1346 | ALL | 290468.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 |
| 1347 | ALL | 290518.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 |
| 1348 | ALL | 290568.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 |
| 1349 | ALL | 290618.4 | 3920382 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-05 |
| 1350 | ALL | 289068.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 |
| 1351 | ALL | 289118.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1352 | ALL | 289168.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-05 |
| 1353 | ALL | 289218.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 |
| 1354 | ALL | 289268.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 |
| 1355 | ALL | 289318.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 |
| 1356 | ALL | 289368.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 1357 | ALL | 289418.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 |
| 1358 | ALL | 289468.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 |
| 1359 | ALL | 289518.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 |
| 1360 | ALL | 289568.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 1361 | ALL | 289618.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 |
| 1362 | ALL | 289668.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 |
| 1363 | ALL | 289718.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 |
| 1364 | ALL | 289768.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |
| 1365 | ALL | 289818.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 1366 | ALL | 289868.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 1367 | ALL | 289918.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 1368 | ALL | 289968.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 |
| 1369 | ALL | 290018.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 1370 | ALL | 290068.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 1371 | ALL | 290118.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 1372 | ALL | 290168.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 1373 | ALL | 290218.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 1374 | ALL | 290268.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 1375 | ALL | 290318.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 1376 | ALL | 290368.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 1377 | ALL | 290418.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 1378 | ALL | 290468.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 |
| 1379 | ALL | 290518.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 |
| 1380 | ALL | 290568.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 1381 | ALL | 290618.4 | 3920432 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 |
| 1382 | ALL | 289068.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 |
| 1383 | ALL | 289118.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-05 |
| 1384 | ALL | 289168.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 |
| 1385 | ALL | 289218.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 |
| 1386 | ALL | 289268.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 |
| 1387 | ALL | 289318.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 1388 | ALL | 289368.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 1389 | ALL | 289418.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 |
| 1390 | ALL | 289468.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 |
| 1391 | ALL | 289518.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 |
| 1392 | ALL | 289568.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 |
| 1393 | ALL | 289618.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 |
| 1394 | ALL | 289668.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 1395 | ALL | 289718.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 1396 | ALL | 289768.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 1397 | ALL | 289818.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 |
| 1398 | ALL | 289868.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 1399 | ALL | 289918.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 1400 | ALL | 289968.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 1401 | ALL | 290018.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 1402 | ALL | 290068.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 1403 | ALL | 290118.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1404 | ALL | 290168.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 1405 | ALL | 290218.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 1406 | ALL | 290268.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 1407 | ALL | 290318.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 1408 | ALL | 290368.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 1409 | ALL | 290418.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 1410 | ALL | 290468.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 1411 | ALL | 290518.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 |
| 1412 | ALL | 290568.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 1413 | ALL | 290618.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-05 |
| 1414 | ALL | 289068.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 |
| 1415 | ALL | 289118.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 |
| 1416 | ALL | 289168.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 |
| 1417 | ALL | 289218.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 |
| 1418 | ALL | 289268.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 |
| 1419 | ALL | 289318.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-05 |
| 1420 | ALL | 289368.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 |
| 1421 | ALL | 289418.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 1422 | ALL | 289468.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 |
| 1423 | ALL | 289518.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 |
| 1424 | ALL | 289568.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 |
| 1425 | ALL | 289618.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 |
| 1426 | ALL | 289668.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 1427 | ALL | 289718.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 |
| 1428 | ALL | 289768.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 |
| 1429 | ALL | 289818.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 1430 | ALL | 289868.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 1431 | ALL | 289918.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 1432 | ALL | 289968.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |
| 1433 | ALL | 290018.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 1434 | ALL | 290068.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 1435 | ALL | 290118.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 1436 | ALL | 290168.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 1437 | ALL | 290218.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 1438 | ALL | 290268.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 1439 | ALL | 290318.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 1440 | ALL | 290368.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 1441 | ALL | 290418.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 1442 | ALL | 290468.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 1443 | ALL | 290518.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 |
| 1444 | ALL | 290568.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 |
| 1445 | ALL | 290618.4 | 3920532 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 |
| 1446 | ALL | 289068.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 |
| 1447 | ALL | 289118.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 |
| 1448 | ALL | 289168.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 |
| 1449 | ALL | 289218.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 |
| 1450 | ALL | 289268.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-05 |
| 1451 | ALL | 289318.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 |
| 1452 | ALL | 289368.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 1453 | ALL | 289418.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 1454 | ALL | 289468.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 |
| 1455 | ALL | 289518.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1456 | ALL | 289568.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 |
| 1457 | ALL | 289618.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 |
| 1458 | ALL | 289668.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 |
| 1459 | ALL | 289718.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 1460 | ALL | 289768.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 |
| 1461 | ALL | 289818.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 |
| 1462 | ALL | 289868.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 1463 | ALL | 289918.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 1464 | ALL | 289968.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 1465 | ALL | 290018.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 1466 | ALL | 290068.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 1467 | ALL | 290118.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 1468 | ALL | 290168.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 1469 | ALL | 290218.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 1470 | ALL | 290268.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 1471 | ALL | 290318.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 1472 | ALL | 290368.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 1473 | ALL | 290418.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 |
| 1474 | ALL | 290468.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 1475 | ALL | 290518.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 |
| 1476 | ALL | 290568.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 |
| 1477 | ALL | 290618.4 | 3920582 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 |
| 1478 | ALL | 289068.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 1479 | ALL | 289118.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 |
| 1480 | ALL | 289168.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 |
| 1481 | ALL | 289218.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 |
| 1482 | ALL | 289268.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 |
| 1483 | ALL | 289318.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 |
| 1484 | ALL | 289368.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-05 |
| 1485 | ALL | 289418.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 |
| 1486 | ALL | 289468.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 1487 | ALL | 289518.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 1488 | ALL | 289568.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 |
| 1489 | ALL | 289618.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 1490 | ALL | 289668.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 |
| 1491 | ALL | 289718.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 |
| 1492 | ALL | 289768.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 |
| 1493 | ALL | 289818.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 1494 | ALL | 289868.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 1495 | ALL | 289918.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 1496 | ALL | 289968.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 1497 | ALL | 290018.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 1498 | ALL | 290068.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 1499 | ALL | 290118.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 1500 | ALL | 290168.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 1501 | ALL | 290218.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 1502 | ALL | 290268.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 1503 | ALL | 290318.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 1504 | ALL | 290368.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 1505 | ALL | 290418.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 1506 | ALL | 290468.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 1507 | ALL | 290518.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1508 | ALL | 290568.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 |
| 1509 | ALL | 290618.4 | 3920632 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 |
| 1510 | ALL | 289068.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 |
| 1511 | ALL | 289118.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 |
| 1512 | ALL | 289168.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 1513 | ALL | 289218.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 |
| 1514 | ALL | 289268.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-05 |
| 1515 | ALL | 289318.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-05 |
| 1516 | ALL | 289368.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 |
| 1517 | ALL | 289418.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 1518 | ALL | 289468.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 |
| 1519 | ALL | 289518.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 |
| 1520 | ALL | 289568.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 |
| 1521 | ALL | 289618.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |
| 1522 | ALL | 289668.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 |
| 1523 | ALL | 289718.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 |
| 1524 | ALL | 289768.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 |
| 1525 | ALL | 289818.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 1526 | ALL | 289868.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 1527 | ALL | 289918.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 1528 | ALL | 289968.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 1529 | ALL | 290018.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |
| 1530 | ALL | 290068.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 1531 | ALL | 290118.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 1532 | ALL | 290168.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 1533 | ALL | 290218.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 1534 | ALL | 290268.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 1535 | ALL | 290318.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 1536 | ALL | 290368.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 |
| 1537 | ALL | 290418.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 1538 | ALL | 290468.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 1539 | ALL | 290518.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 1540 | ALL | 290568.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 |
| 1541 | ALL | 290618.4 | 3920682 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 1542 | ALL | 289068.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 |
| 1543 | ALL | 289118.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 |
| 1544 | ALL | 289168.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 |
| 1545 | ALL | 289218.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 |
| 1546 | ALL | 289268.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 |
| 1547 | ALL | 289318.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 |
| 1548 | ALL | 289368.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 |
| 1549 | ALL | 289418.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 |
| 1550 | ALL | 289468.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 |
| 1551 | ALL | 289518.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-05 |
| 1552 | ALL | 289568.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 |
| 1553 | ALL | 289618.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |
| 1554 | ALL | 289668.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 |
| 1555 | ALL | 289718.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 |
| 1556 | ALL | 289768.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 1557 | ALL | 289818.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 1558 | ALL | 289868.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 1559 | ALL | 289918.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1560 | ALL | 289968.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 1561 | ALL | 290018.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 1562 | ALL | 290068.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 1563 | ALL | 290118.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 1564 | ALL | 290168.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 1565 | ALL | 290218.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 1566 | ALL | 290268.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 1567 | ALL | 290318.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 1568 | ALL | 290368.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 1569 | ALL | 290418.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 1570 | ALL | 290468.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 1571 | ALL | 290518.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 1572 | ALL | 290568.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 |
| 1573 | ALL | 290618.4 | 3920732 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 1574 | ALL | 289068.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 |
| 1575 | ALL | 289118.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 |
| 1576 | ALL | 289168.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 |
| 1577 | ALL | 289218.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 |
| 1578 | ALL | 289268.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 |
| 1579 | ALL | 289318.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 |
| 1580 | ALL | 289368.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 |
| 1581 | ALL | 289418.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 |
| 1582 | ALL | 289468.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 |
| 1583 | ALL | 289518.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 |
| 1584 | ALL | 289568.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 |
| 1585 | ALL | 289618.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 |
| 1586 | ALL | 289668.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 |
| 1587 | ALL | 289718.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 |
| 1588 | ALL | 289768.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 1589 | ALL | 289818.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 |
| 1590 | ALL | 289868.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 |
| 1591 | ALL | 289918.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 |
| 1592 | ALL | 289968.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 |
| 1593 | ALL | 290018.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 1594 | ALL | 290068.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 1595 | ALL | 290118.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 1596 | ALL | 290168.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 1597 | ALL | 290218.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 |
| 1598 | ALL | 290268.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 1599 | ALL | 290318.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 1600 | ALL | 290368.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 1601 | ALL | 290418.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 1602 | ALL | 290468.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 |
| 1603 | ALL | 290518.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 1604 | ALL | 290568.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 |
| 1605 | ALL | 290618.4 | 3920782 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 |
| 1606 | ALL | 289068.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 |
| 1607 | ALL | 289118.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 |
| 1608 | ALL | 289168.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 |
| 1609 | ALL | 289218.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 |
| 1610 | ALL | 289268.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 |
| 1611 | ALL | 289318.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1612 | ALL | 289368.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 |
| 1613 | ALL | 289418.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 |
| 1614 | ALL | 289468.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 |
| 1615 | ALL | 289518.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-05 |
| 1616 | ALL | 289568.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 |
| 1617 | ALL | 289618.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 |
| 1618 | ALL | 289668.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 |
| 1619 | ALL | 289718.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 |
| 1620 | ALL | 289768.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 |
| 1621 | ALL | 289818.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 |
| 1622 | ALL | 289868.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 1623 | ALL | 289918.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 1624 | ALL | 289968.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 1625 | ALL | 290018.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 1626 | ALL | 290068.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |
| 1627 | ALL | 290118.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 1628 | ALL | 290168.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 1629 | ALL | 290218.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 1630 | ALL | 290268.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 1631 | ALL | 290318.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 1632 | ALL | 290368.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 1633 | ALL | 290418.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 1634 | ALL | 290468.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 1635 | ALL | 290518.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 1636 | ALL | 290568.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 |
| 1637 | ALL | 290618.4 | 3920832 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 |
| 1638 | ALL | 289068.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 |
| 1639 | ALL | 289118.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 |
| 1640 | ALL | 289168.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 |
| 1641 | ALL | 289218.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 |
| 1642 | ALL | 289268.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 1643 | ALL | 289318.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 1644 | ALL | 289368.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 |
| 1645 | ALL | 289418.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 |
| 1646 | ALL | 289468.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-05 |
| 1647 | ALL | 289518.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 |
| 1648 | ALL | 289568.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 1649 | ALL | 289618.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 1650 | ALL | 289668.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |
| 1651 | ALL | 289718.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 |
| 1652 | ALL | 289768.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 |
| 1653 | ALL | 289818.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 1654 | ALL | 289868.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 1655 | ALL | 289918.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 |
| 1656 | ALL | 289968.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 1657 | ALL | 290018.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 1658 | ALL | 290068.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 1659 | ALL | 290118.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 1660 | ALL | 290168.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 1661 | ALL | 290218.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 1662 | ALL | 290268.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 1663 | ALL | 290318.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1664 | ALL | 290368.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 1665 | ALL | 290418.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 1666 | ALL | 290468.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 1667 | ALL | 290518.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 1668 | ALL | 290568.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 |
| 1669 | ALL | 290618.4 | 3920882 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-05 |
| 1670 | ALL | 289068.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 |
| 1671 | ALL | 289118.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 |
| 1672 | ALL | 289168.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 |
| 1673 | ALL | 289218.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 |
| 1674 | ALL | 289268.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 |
| 1675 | ALL | 289318.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 |
| 1676 | ALL | 289368.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 |
| 1677 | ALL | 289418.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 |
| 1678 | ALL | 289468.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 |
| 1679 | ALL | 289518.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 |
| 1680 | ALL | 289568.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 |
| 1681 | ALL | 289618.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 |
| 1682 | ALL | 289668.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 |
| 1683 | ALL | 289718.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 |
| 1684 | ALL | 289768.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 |
| 1685 | ALL | 289818.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 |
| 1686 | ALL | 289868.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 |
| 1687 | ALL | 289918.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 1688 | ALL | 289968.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 |
| 1689 | ALL | 290018.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 1690 | ALL | 290068.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 1691 | ALL | 290118.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-05 |
| 1692 | ALL | 290168.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 1693 | ALL | 290218.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 1694 | ALL | 290268.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 1695 | ALL | 290318.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 1696 | ALL | 290368.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 1697 | ALL | 290418.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 |
| 1698 | ALL | 290468.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 1699 | ALL | 290518.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 1700 | ALL | 290568.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |
| 1701 | ALL | 290618.4 | 3920932 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 |
| 1702 | ALL | 289068.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 |
| 1703 | ALL | 289118.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 |
| 1704 | ALL | 289168.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 |
| 1705 | ALL | 289218.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-05 |
| 1706 | ALL | 289268.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 |
| 1707 | ALL | 289318.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 |
| 1708 | ALL | 289368.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 |
| 1709 | ALL | 289418.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 |
| 1710 | ALL | 289468.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-05 |
| 1711 | ALL | 289518.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 |
| 1712 | ALL | 289568.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 1713 | ALL | 289618.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 |
| 1714 | ALL | 289668.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 |
| 1715 | ALL | 289718.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1716 | ALL | 289768.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 |
| 1717 | ALL | 289818.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 |
| 1718 | ALL | 289868.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 |
| 1719 | ALL | 289918.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 |
| 1720 | ALL | 289968.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 1721 | ALL | 290018.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 1722 | ALL | 290068.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 1723 | ALL | 290118.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 1724 | ALL | 290168.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 1725 | ALL | 290218.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 1726 | ALL | 290268.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 1727 | ALL | 290318.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 1728 | ALL | 290368.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 1729 | ALL | 290418.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 |
| 1730 | ALL | 290468.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 1731 | ALL | 290518.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 1732 | ALL | 290568.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |
| 1733 | ALL | 290618.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 |
| 1734 | ALL | 290668.4 | 3920982 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 1735 | ALL | 289068.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 |
| 1736 | ALL | 289118.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 |
| 1737 | ALL | 289168.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 |
| 1738 | ALL | 289218.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 |
| 1739 | ALL | 289268.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 |
| 1740 | ALL | 289318.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 1741 | ALL | 289368.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 1742 | ALL | 289418.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 |
| 1743 | ALL | 289468.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 |
| 1744 | ALL | 289518.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-05 |
| 1745 | ALL | 289568.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 |
| 1746 | ALL | 289618.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-05 |
| 1747 | ALL | 289668.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 |
| 1748 | ALL | 289718.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 |
| 1749 | ALL | 289768.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 |
| 1750 | ALL | 289818.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 |
| 1751 | ALL | 289868.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 |
| 1752 | ALL | 289918.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 |
| 1753 | ALL | 289968.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 |
| 1754 | ALL | 290018.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 |
| 1755 | ALL | 290068.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 1756 | ALL | 290118.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 1757 | ALL | 290168.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 1758 | ALL | 290218.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 1759 | ALL | 290268.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 1760 | ALL | 290318.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 1761 | ALL | 290368.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 1762 | ALL | 290418.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 1763 | ALL | 290468.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 1764 | ALL | 290518.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 1765 | ALL | 290568.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 1766 | ALL | 290618.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 |
| 1767 | ALL | 290668.4 | 3921032 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1768 | ALL | 289068.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 |
| 1769 | ALL | 289118.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 |
| 1770 | ALL | 289168.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.34E-05 |
| 1771 | ALL | 289218.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 |
| 1772 | ALL | 289268.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 |
| 1773 | ALL | 289318.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 |
| 1774 | ALL | 289368.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 |
| 1775 | ALL | 289418.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-05 |
| 1776 | ALL | 289468.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 |
| 1777 | ALL | 289518.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 |
| 1778 | ALL | 289568.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 |
| 1779 | ALL | 289618.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 1780 | ALL | 289668.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 1781 | ALL | 289718.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 |
| 1782 | ALL | 289768.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 |
| 1783 | ALL | 289818.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 |
| 1784 | ALL | 289868.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 1785 | ALL | 289918.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 1786 | ALL | 289968.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 1787 | ALL | 290018.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 1788 | ALL | 290068.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 1789 | ALL | 290118.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 1790 | ALL | 290168.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 1791 | ALL | 290218.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 1792 | ALL | 290268.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 |
| 1793 | ALL | 290318.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 1794 | ALL | 290368.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 1795 | ALL | 290418.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 1796 | ALL | 290468.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 1797 | ALL | 290518.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 1798 | ALL | 290568.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 1799 | ALL | 290618.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 |
| 1800 | ALL | 290668.4 | 3921082 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 1801 | ALL | 289068.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 |
| 1802 | ALL | 289118.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 |
| 1803 | ALL | 289168.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 |
| 1804 | ALL | 289218.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 |
| 1805 | ALL | 289268.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 |
| 1806 | ALL | 289318.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 |
| 1807 | ALL | 289368.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 |
| 1808 | ALL | 289418.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 |
| 1809 | ALL | 289468.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 |
| 1810 | ALL | 289518.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 |
| 1811 | ALL | 289568.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 |
| 1812 | ALL | 289618.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 |
| 1813 | ALL | 289668.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 |
| 1814 | ALL | 289718.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 |
| 1815 | ALL | 289768.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 1816 | ALL | 289818.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 |
| 1817 | ALL | 289868.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 1818 | ALL | 289918.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 |
| 1819 | ALL | 289968.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1820 | ALL | 290018.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 1821 | ALL | 290068.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 1822 | ALL | 290118.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 1823 | ALL | 290168.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.68E-05 |
| 1824 | ALL | 290218.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 1825 | ALL | 290268.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-05 |
| 1826 | ALL | 290318.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 1827 | ALL | 290368.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 1828 | ALL | 290418.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 1829 | ALL | 290468.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 1830 | ALL | 290518.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 1831 | ALL | 290568.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 1832 | ALL | 290618.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 |
| 1833 | ALL | 290668.4 | 3921132 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 1834 | ALL | 289068.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 |
| 1835 | ALL | 289118.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 |
| 1836 | ALL | 289168.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 1837 | ALL | 289218.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 |
| 1838 | ALL | 289268.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 |
| 1839 | ALL | 289318.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 |
| 1840 | ALL | 289368.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 |
| 1841 | ALL | 289418.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 |
| 1842 | ALL | 289468.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 |
| 1843 | ALL | 289518.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 |
| 1844 | ALL | 289568.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 1845 | ALL | 289618.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 |
| 1846 | ALL | 289668.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 |
| 1847 | ALL | 289718.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 |
| 1848 | ALL | 289768.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 |
| 1849 | ALL | 289818.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 |
| 1850 | ALL | 289868.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 |
| 1851 | ALL | 289918.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 1852 | ALL | 289968.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 |
| 1853 | ALL | 290018.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 1854 | ALL | 290068.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 1855 | ALL | 290118.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |
| 1856 | ALL | 290168.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 1857 | ALL | 290218.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 1858 | ALL | 290268.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 1859 | ALL | 290318.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 1860 | ALL | 290368.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 1861 | ALL | 290418.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 1862 | ALL | 290468.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 1863 | ALL | 290518.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 1864 | ALL | 290568.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 1865 | ALL | 290618.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 |
| 1866 | ALL | 290668.4 | 3921182 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 1867 | ALL | 289068.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 |
| 1868 | ALL | 289118.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-05 |
| 1869 | ALL | 289168.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 |
| 1870 | ALL | 289218.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 |
| 1871 | ALL | 289268.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1872 | ALL | 289318.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 |
| 1873 | ALL | 289368.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 1874 | ALL | 289418.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-05 |
| 1875 | ALL | 289468.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 |
| 1876 | ALL | 289518.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-05 |
| 1877 | ALL | 289568.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 |
| 1878 | ALL | 289618.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 1879 | ALL | 289668.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 |
| 1880 | ALL | 289718.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 |
| 1881 | ALL | 289768.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 |
| 1882 | ALL | 289818.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 |
| 1883 | ALL | 289868.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 |
| 1884 | ALL | 289918.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 |
| 1885 | ALL | 289968.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 1886 | ALL | 290018.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 1887 | ALL | 290068.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 1888 | ALL | 290118.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 1889 | ALL | 290168.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 1890 | ALL | 290218.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 1891 | ALL | 290268.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 1892 | ALL | 290318.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 1893 | ALL | 290368.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 1894 | ALL | 290418.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 1895 | ALL | 290468.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 1896 | ALL | 290518.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 |
| 1897 | ALL | 290568.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 1898 | ALL | 290618.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-05 |
| 1899 | ALL | 290668.4 | 3921232 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 1900 | ALL | 289068.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 |
| 1901 | ALL | 289118.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 |
| 1902 | ALL | 289168.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 |
| 1903 | ALL | 289218.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 |
| 1904 | ALL | 289268.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 |
| 1905 | ALL | 289318.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 1906 | ALL | 289368.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 |
| 1907 | ALL | 289418.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 |
| 1908 | ALL | 289468.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 |
| 1909 | ALL | 289518.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 |
| 1910 | ALL | 289568.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 |
| 1911 | ALL | 289618.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-05 |
| 1912 | ALL | 289668.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 |
| 1913 | ALL | 289718.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 |
| 1914 | ALL | 289768.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |
| 1915 | ALL | 289818.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 1916 | ALL | 289868.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 1917 | ALL | 289918.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 |
| 1918 | ALL | 289968.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 1919 | ALL | 290018.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 1920 | ALL | 290068.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 1921 | ALL | 290118.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 1922 | ALL | 290168.4 | 3921282 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 1923 | ALL | 272471.4 | 3936795 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.28E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1924 | ALL | 272476.1 | 3936851 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-05 |
| 1925 | ALL | 272476.1 | 3936871 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-05 |
| 1926 | ALL | 274071.4 | 3937707 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-05 |
| 1927 | ALL | 274892.9 | 3937698 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-05 |
| 1928 | ALL | 276491.8 | 3934414 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 |
| 1929 | ALL | 276608.2 | 3934391 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 |
| 1930 | ALL | 277368.5 | 3932692 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-05 |
| 1931 | ALL | 277334.4 | 3932296 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.20E-05 |
| 1932 | ALL | 278631.6 | 3931857 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 |
| 1933 | ALL | 277069.2 | 3930943 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.23E-05 |
| 1934 | ALL | 277106 | 3930948 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 |
| 1935 | ALL | 277197.1 | 3934370 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 |
| 1936 | ALL | 278211.2 | 3934460 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 |
| 1937 | ALL | 278462.6 | 3934456 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 |
| 1938 | ALL | 279439.6 | 3934433 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-05 |
| 1939 | ALL | 279499.1 | 3934425 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-05 |
| 1940 | ALL | 279717 | 3934533 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-05 |
| 1941 | ALL | 279787.5 | 3934453 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-05 |
| 1942 | ALL | 279767.4 | 3934438 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-05 |
| 1943 | ALL | 279804 | 3934534 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-05 |
| 1944 | ALL | 279703.3 | 3934468 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-05 |
| 1945 | ALL | 279959.6 | 3934349 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-05 |
| 1946 | ALL | 279070.3 | 3929610 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-05 |
| 1947 | ALL | 281930.8 | 3929547 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-05 |
| 1948 | ALL | 278554.8 | 3927380 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-05 |
| 1949 | ALL | 279013.7 | 3927235 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-05 |
| 1950 | ALL | 278705.3 | 3927244 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-05 |
| 1951 | ALL | 278562 | 3926446 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 1952 | ALL | 278713 | 3925870 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 1953 | ALL | 278400.6 | 3925609 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 1954 | ALL | 271067.8 | 3926037 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 1955 | ALL | 271395.7 | 3924492 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-05 |
| 1956 | ALL | 274067.6 | 3923357 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 |
| 1957 | ALL | 274170.4 | 3923361 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-05 |
| 1958 | ALL | 275491.3 | 3924125 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-05 |
| 1959 | ALL | 275777.4 | 3924326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 |
| 1960 | ALL | 274592.7 | 3925325 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 |
| 1961 | ALL | 276220.6 | 3928164 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 1962 | ALL | 275219.9 | 3922052 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-05 |
| 1963 | ALL | 275270.3 | 3921833 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 |
| 1964 | ALL | 277670.6 | 3919962 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.10E-05 |
| 1965 | ALL | 277749 | 3919861 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 |
| 1966 | ALL | 277676.8 | 3919256 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 |
| 1967 | ALL | 277668.5 | 3919215 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 |
| 1968 | ALL | 277674.7 | 3919184 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 |
| 1969 | ALL | 277672.6 | 3919163 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 1970 | ALL | 277666.4 | 3919134 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 |
| 1971 | ALL | 279687.9 | 3919923 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 |
| 1972 | ALL | 280183.4 | 3920697 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.70E-05 |
| 1973 | ALL | 280769.3 | 3923565 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 |
| 1974 | ALL | 281572.5 | 3923239 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 |
| 1975 | ALL | 281822.6 | 3923557 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | ALL | 285142.5 | 3930154 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.64E-05 |
| 1977 | ALL | 285957.1 | 3930237 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-05 |
| 1978 | ALL | 285974.2 | 3928742 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.25E-05 |
| 1979 | ALL | 288363.6 | 3928594 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-05 |
| 1980 | ALL | 289352.5 | 3926976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 1981 | ALL | 288289.3 | 3926562 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 |
| 1982 | ALL | 288275 | 3925393 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 |
| 1983 | ALL | 287017.4 | 3924475 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 |
| 1984 | ALL | 286251.5 | 3923926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 |
| 1985 | ALL | 284335.1 | 3919955 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-05 |
| 1986 | ALL | 284280.3 | 3922298 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 |
| 1987 | ALL | 284336.5 | 3923355 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.69E-05 |
| 1988 | ALL | 285482.6 | 3927688 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.61E-05 |
| 1989 | ALL | 285071 | 3927902 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 |
| 1990 | ALL | 275130.9 | 3920423 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |
| 1991 | ALL | 275126.7 | 3920328 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 1992 | ALL | 275310.5 | 3920330 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 1993 | ALL | 275318.8 | 3920226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 1994 | ALL | 276099.3 | 3920204 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-05 |
| 1995 | ALL | 276497.8 | 3920226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 |
| 1996 | ALL | 276516.4 | 3920602 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 |
| 1997 | ALL | 276144.7 | 3920613 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 |
| 1998 | ALL | 276144.7 | 3920266 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 1999 | ALL | 276082.7 | 3920249 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 |
| 2000 | ALL | 276008.4 | 3920383 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 |
| 2001 | ALL | 275880.4 | 3920357 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 |
| 2002 | ALL | 275756.5 | 3920435 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 2003 | ALL | 275548 | 3920507 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 |
| 2004 | ALL | 275287.8 | 3920600 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 2005 | ALL | 275217.6 | 3920584 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 2006 | ALL | 275180.4 | 3920482 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 2007 | ALL | 275155.7 | 3920435 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 2008 | ALL | 289065.9 | 3921313 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 2009 | ALL | 290675.7 | 3921269 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 2010 | ALL | 290637.3 | 3919698 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-05 |
| 2011 | ALL | 289016.6 | 3919736 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 |